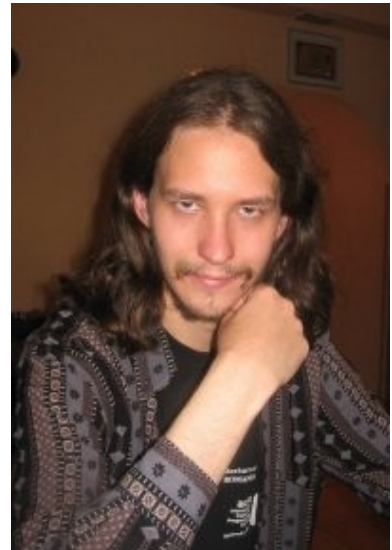


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Objective

To obtain an **Project Manager/Product Manager** position in a company which develops own software products. In this position I would like to have opportunities to:

- lead the development of great products that dramatically enhance life of people and organizations
- educate others about best practices and patterns I am competent with
- help to implement and to improve software engineering processes

Summary

Strong theoretical background in math, algorithmics and IT; broad software development industry's experience including but not limited to programming, object-oriented and database design, development for UNIX, working with miscellaneous RDBMS; working in team and **team leadership** (6 and 4 years, up to 12 team members), **project management** and **requirements engineering**; strong experience with **Agile** development methodologies (I am a [Certified ScrumMaster](#)); diverse experience with miscellaneous programming languages and paradigms; experience in communication with international customers; clear vision of how must successful product “look”; communication and facilitation skills – combination of these skills allows me to successfully lead the creation of outstanding software products.

My skills are confirmed both by professional experience and numerous Brainbench certifications. Notable certifications include **Project Manager** job role certification; **3th** top score in Ukraine and **1st** score in Odessa in **Project Management** certification; **1st** score in Ukraine in **Software Business Analysis** (also world's **1st** place in Bench Games 2006).

I do programming since 1991 (I was 12 years old then). I program compiling (**Java**, C/C++) as well as script languages (**PHP**, Python/Jython, Perl). I know how to combine the best sides of several programming languages in one project, also by using some “exotic” programming languages (like Icon, Scheme, and Haskell).

I’m committed to the continuous improvement of software development processes in my team and in the entire organization and to the creation of high quality software products.

Professional Skills

Communication and management capabilities: Establishing project vision and scope; gathering of product requirements from clients; preparation of software requirements specifications (SRS); project estimating and planning; coaching team members; pair programming; communication with international customers; facilitation of **Daily Scrum Meetings**, design meetings and **retrospectives**; maintaining backlog of user stories; helping product owner to state requirements in form of user stories; facilitating introduction of agile practices to the team/project.

Methodologies: **Scrum**, XP, PMBOK.

Project planning and tracking tools: Primavera Teamplay, Microsoft Project, MindManager, Bugzilla, Mercury Quality Center, Trac.

Programming languages: **Java** – 7 years, **C++** (g++) – 4 years, **Python/Jython** – 4 years, **Perl** – 4 years, **C**, **PHP** – 5 years, **Javascript** – 3 years, Pascal, Assembler (TASM, GNU Assembler), Basic, Scheme, Ruby, Icon, Delphi, Unix shell scripting (bash, sh).

Programming and design practices: OOA&D (Object Oriented Analysis and Design), UML, design patterns, refactoring of existing code design, TDD (Test Driven Development), continuous integration.

API, frameworks, technologies: JDK, EJB, JBoss, Castor JDO, Apache, Apache Tomcat, Jetty, IBM WebSphere, Log4J, JCE, XML (FOP, Xerces, DOM, SAX, XSL, XSD), Java3D, Spring, Spring Webflow, Hibernate, JSP, JSTL, JNDI, AJAX, Acegi Security, Jakarta Commons, Jasper Reports, BIRT, Swing, AWT.

Design tools: Sparx Enterprise Architect, Power Designer, VP UML.

IDE: IntelliJ IDEA, Eclipse, NetBeans, JBuilder.

Build tools: Ant, Maven, XDoclet, make, CruiseControl.

Vesrion Control: CVS, SVN.

Code analysis tools: PMD, Checkstyle, JDepend, Doxygen, Cobertura, EMMA.

RDBMS: Sybase SQL Server, Sybase SQL Anywhere, MS Access, Oracle, MySQL, IBM DB2, Interbase/Firebird, H2, PostgreSQL.

Platforms: UNIX (Free BSD, Linux, RealTime Linux) – 5 years, MS Windows, MS/PC/Novell DOS, IBM iSeries (AS400), Java platform.

Professional Experience Summary

Comodo Group, Inc.

<http://www.comodo.com/>

Time frame: 10.2007-present

Position: **Agile Team Leader** (two teams)

Responsibilities: Leading two teams of software developers (**Scrum** methodology – **Product Owner** and **ScrumMaster** roles), requirements analysis, technical interviewing of candidates, research, facilitation of meetings, facilitation of agile practices implementation, coaching of ScrumMasters.

Projects: [Comodo Backup / Comodo Online Backup](#)

Trainer

<http://nlp.od.ua/>

Time frame: 3.2008-present

Area: Online trainings on Agile, creation of information products on Agile for sale.

InterSOG LLC

(International Software Group)

<http://www.intersog.com/>

Time frame: 8.2006-10.2007

Position: **Team Leader** of Java Team; **Systems Analyst; Product Manager**

Responsibilities: Leading team of software developers, requirements analysis, technical interviewing of candidates, technical expertise and estimation of potential new projects, writing promotional whitepapers about company products, interaction with QA team, conceptual design of new products.

Projects: [ASMD – Application Server for Mobile Devices](#), [Supply Chain Management System](#), [Project Management Tool](#), [Credit union distributed management system](#), [Automated university/college management system](#).

IBIS Ltd

(Integrated Banking Informational Systems)

<http://www.ibis.ua/>

Time frame: 02.2000–07.2006

Responsibilities: software design and development (both technical and business oriented products), design of architecture, team leadership, coaching of team members, gathering requirements from customers, documenting requirements,

knowledge management, software process improvement.

Positions: Software developer, **team leader**, **project manager**

Projects: [Knowledge Management in IBIS](#), [Report Generator XP](#), [Depository Accounting System](#), [Cargo – Distributed booking accounting system for expediter company](#), [IRBIS – Integrated Distributed Basis Informational System](#), [Report generator](#), [IMemoryObjList \(SQL WHERE clause interpreter\)](#), [GreenEyes – framework for automatic user interface generation](#), [Repository of business object metadata](#), [StarCon – System of processing and accounting of export-import operations](#), [XML4BOSFOR – screen form generator by XML description](#), [SPI – software process improvement in IBIS](#)

Shape Services GmbH

<http://www.shapeservices.de/>

Position: Software developer.

Time frame: 2004

Project: [Instant Messaging Gateway \(WAP to ICQ, AOL IM, MSN, Jabber\) for mobile clients](#)

Private research & development company “Recom”

Position: Software developer.

Time frame: 1997–2000

Responsibilities: System software development for UNIX: client-server applications, nonstandard hardware support, C++ (g++), GNU Assembler.

Projects: [Automated Paging Operator Workplace](#), [Autonomous Telephone Station “Kvant” Emulator on PC](#)

Richelieu Lyceum

(one of leaders in Ukraine in pupils’ achievements in math and physics olympiads)

Time frame: 1997–2001

Position: Informatics teacher (from 17 years old). Also I have executed duties of system administrator and webmaster.

[See details below](#)

Jury of Odessa district stage of Ukrainian National Olympiad in Informatics

(Yearly; 6 years total; first time in 18 years old)

Time frame: 1998–2003

[See details below](#)

Professional Experience Detail

Comodo Group, Inc.

<http://www.comodo.com/>

10.2007-present

Position: Agile Team Leader (two teams)

Responsibilities: Leading two teams of software developers, requirements analysis, technical interviewing of candidates, research, facilitation of meetings, facilitation of agile practices implementation.

Projects:

Comodo Backup / Comodo Online Backup

Project time frame – 10.2007-present, in progress

Role – team leader, ScrumMaster (later coach of two sub-teams), Product Owner (proxy)

Team size – max 12 members (3-5 Java developers for server side – completely new “Comodo Online Backup”, 2-7 Delphi/C# developers on client side – already existing but later rewritten “Comodo Backup”, 1 QA engineer, 1 Driver developer)

Achievements:

- Established and documented Vision and Scope of product;
- Performed initial research on possible solutions;
- Evaluated several existing distributed filesystems (Lustre, Coda, Intermezzo, AFS, MogileFS, Hadoop, KosmosFS) for use in Online Backup;
- Built a responsible, self-organizing, productive team;
- Implemented **Scrum** software process within the team (including user story estimating, backlog management, iteration planning, Daily Scrum Meetings, iteration retrospectives);
- Coached team members to apply agile engineering practices (refactoring, pair programming, close communication, unit testing, continuous integration);
- Continuously monitored code test coverage identifying areas requiring new unit tests, taught team members to do this themselves;
- Identified, clarified, prioritized user stories closely collaborating with company CTO;
- Maintained sustainable pace of delivery of portions of business value every iteration;
- Identified usability deficiencies in existing product — Comodo Backup and

facilitated a decision of redesign of products' UI;

- Facilitated a decision to gradually transfer Comodo Backup from Delphi to C#/.Net;
- Re-encouraged previously demotivated existing Comodo Backup team members;
- Identified «code smells» in existing Comodo Backup code and proposed a way to refactor it to increase maintainability;
- Integrated QA specialist (one at this point) into cross-functional team to help team with testing (guided by user stories, into iterations – as defined by Scrum);
- Helped teams to elect own ScrumMasters and helped new ScrumMasters with coaching.

Environment: Spring; MySQL, PostgreSQL, H2; Lustre, Maven, Jetty, Tomcat, vmWare, Hibernate, JPA, Delphi, C#, .Net, WebDAV/Delta-V; CruiseControl.

InterSOG LLC

(International Software Group)

<http://www.intersog.com/>

8.2006-10.2007

Position: **Team Leader** of Java Team; **Systems Analyst**; **Product Manager**

Responsibilities: Leading team of software developers, requirements analysis, technical interviewing of candidates, technical expertise and estimation of potential new projects, writing promotional whitepapers about company products, interaction with QA team, design of new products.

Projects:

ASMD – Application Server for Mobile Devices

(A tool for integration of wireless clients into existing business applications)

Project time frame – 11.2006-6.2007; suspended

Role – systems analyst

Achievements:

- Identified system requirements;
- Refined the architecture (clarified initial fuzzy ideas by UML diagrams);
- Defined Client Communication Module API and Business Connector web service API.

Environment: J2EE, J2ME, .Net Compact Framework, AUTD, Web Services, MDB (Message Driven Beans), HTTP, WAP

Project Management Tool

Project time frame – 10.2006-8.2007; suspended

Role – product manager

Team size – 5 members

Achievements:

- Performed the analysis of requirements to the software that supports project management process;
- Performed a comparison of existing products in the market niche of interest and identified their positive and negative features;
- Established Vision and Scope for the new product that addresses the needs of professional organizations that are unfulfilled by the existing products or fulfilled only partially;
- Tracked the market and identified most close competitors in the selected niche.

Supply chain management system

(for automotive industry)

Project time frame – 09.2006-10.2007 (1 year).

Role – team leader, systems analyst

Team size – 4 members

Achievements:

- **Sub-project 01 - «Order Planning»**
 - Quickly built an understanding of project status and requirements;
 - Successfully took the project from a team leader that had lead the first phase of project;
 - Successfully resolved problems with existing components that were of poor quality by quick understanding of the complicated code and several refactorings;
- **Sub-project 02 - «Part Database»**
 - Proactively analyzed customer requirements – that helped to identify scope creep and communicate it to management and customer so budget/scope was adjusted; also it helped team members to work using accurate specification and enabled QA team to perform testing according to specification;

- Performed well with team management in states of uncertainty by successfully selecting best possible strategies and eliminating the uncertainties as soon as possible;
- Successfully solved performance problems and developed an AJAX solution that removed both server-side and browser-side performance bottlenecks and allowed displaying thousands of table rows in browser window;
- Improved previously bad relationships with customer which resulted in obtaining 3 new work orders from that customer;
- Proposed numerous improvements to GUI design that enhanced user experience;
- Organized the interaction with graphics designer to improve the look of web application
- Consistently provided top management with deep understanding of current project status that helped to manage relationships with customer;
- Performed 3 reestimations of project scope and required time/resources that allowed to include changes to schedule and budget in accordance to changes in scope;
- Recognized that existing data structure had redundancies that impeded the correct implementation of customer's demands (these redundancies were not recognized by customer's analysts before). I successfully clarified this situation to customer and top management and wrote a proposal that summarized the necessary changes. After approval of proposal, I successfully managed the refactoring of software to make it work with normalized data structure;
- Performed numerous code reviews and refactorings of code written by team members to meet best code quality standards and taught the team members how to do that;
- Successfully organized the interaction with QA team; proposed several improvements to bug tracking system configuration;
- Performed load testing of the system;
- **Sub-project 03 – Revised «Order Planning»**
 - Analyzed old data structures, new requirements and existing application code and came to a conclusion that new requirements are better to be implemented from scratch (using application core that was built during sub-project 02) to achieve both less development time and produce more maintainable code than extension of existing implementation developed during sub-project 01;
 - Performed analysis of customer requirements (both implicit requirements present in components that were built during sub-project

01 and new explicitly stated requirements);

- Prepared a detailed SRS (Software Requirements Specification) document for both components developed in this sub-project and common core components that are to be used across all sub-projects. This allowed to control the scope precisely, provided a clear guide for developers what are they expected to implement, and made the customers sure that they'll get what they're requesting;
- Performed negotiations with customer representative who maintains RPG part of larger existing legacy system, and built a mutual understanding of interfaces between «our» application and larger system (that communicates with external systems as well);
- Documented software interface requirements in an appropriate section of SRS;
- Created, maintained project time line using MS Project;
- Used MS Project time line and used as a way to control the project and to report state of project to customers and to top management;
- Identified 3 change requests from customers (changes of scope);
- Provided updated estimations for changed scope;
- Got approval of changed scope, time lines and cost from management and from customer;
- Employed Earned Value Analysis to monitor the progress of project and performed corrective actions based on early feedback got by that method;
- Established a testing plan that ensured effective use of QA resources;
- Minimized the impact of significant team member's leave on schedule by distributing his tasks between other team members including myself;
- Successfully lead the adaptation of two new team members;
- **Sub-project 04 – «Supplier Cross-Visibility»**
 - Analyzed impact of new requirements to system architecture;
 - Identified steps to be performed for refactoring of existing code and development of new user interfaces;
 - Analyzed the scope of work and came to an understanding that these work should be managed as a separate sub-project;
 - Prepared an estimate to complete these steps;
 - Communicated new identified sub-project to project manager and to the customer representative, which resulted in initiation of sub-project as a separate work order;
 - Established SRS (Software Requirements Specification) on changed

system parts;

- **Sub-project 05 - «Reports»**

- Performed analysis of customer requirements;
- Identified need of extension of functionality of tables to support parameters and Excel export;
- Designed new solution and identified refactoring steps necessary for its implementation;
- Created estimation of this sub-project, including time required for refactoring as well as time required for implementation of new features based on revised core mechanisms;

- **Integration**

- Successfully managed the integration of software (about 20 companies that are members of automotive manufacturer's supply chain started production use of software).

Environment – Spring, Spring Webflow, Acegi Security, Hibernate, JSP, JSTL, JNDI, Apache Tomcat, IBM WebSphere, Javascript, AJAX, DWR, AS400 (IBM iSeries), IBM DB2, Mercury Quality Center, Bugzilla, OpenSTA, Sparx Enterprise Architect, Apache POI, Jakarta Commons, IntelliJ IDEA, EDI.

Credit union distributed management system

Project time frame – 08.2006 (1 month); suspended

Role – team leader, systems analyst

Team size – 3 members

Achievements:

- Performed the analysis of existing legacy system that was to be reengineered (~200 forms, ~100 reports in 8 subsystems);
- Conducted 3 meetings with customer representatives and identified additional requirements;
- Built an understanding of a subject domain;
- Evaluated cost of rewriting stored procedures and user-defined functions (Interbase to MySQL) after thorough analysis of differences in syntax;
- Defined an architecture of new system at high level;
- Selected the reporting engine to use in project (Jasper Reports);
- Prepared the estimation of project scope and time (concerning risks);
- Selected example tasks for measuring of execution time to improve accuracy of estimation.

Environment: Linux, Windows, Hibernate, Spring, MySQL, Interbase, Java, Delphi, VmWare, OpenOffice, Jasper Reports.

Automated System for University/College Management

Project time frame: 12.2006-7.2007

Role: sub-team leader, system analyst

Team size: 10 members

My sub-team: 2 members (other projects were managed by me in parallel)

Achievements:

- Monitored sub-team members' activities on adoption of BIRT framework;
- Taught members of my sub-team to work with UNIX environment;
- Facilitated finding a bug in BIRT that caused a problem with reports and identification of workaround to it;
- Coached team members on best practices of research on tools' features that are not well documented, on identification of problems and problem solving, code quality standards etc.;
- Provided team's analysts with consulting on reporting solutions;

Environment: PHP, Java, BIRT (Business Intelligence and Report Tool), Eclipse, Bugzilla, Unix

IBIS Ltd

(Integrated Banking Informational Systems)

<http://www.ibis.ua/>

02.2000–07.2006

Positions: Software developer, team leader, project manager

Projects:

Knowledge Management in IBIS

Project time frame – 12.2005-7.2006 (8 months).

Role – project leader

Achievements:

- identified the necessity of managing knowledge in organization;
- evaluated available software solutions for corporative knowledge base and selected *WackoWiki*;
- knowledge base setup, administration and organizing knowledge;
- encouraged ~20 employees to register in the knowledge base, use and extend it;

- facilitated identification and sharing of ~15 patterns;
- identified requirements for extension of *WackoWiki* functionality.

Report Generator XP

Project size: ~15,000 lines of code

Project time frame – 2.2006-7.2006 (6 months).

Role – software developer, team leader.

Team size – 2 members

Achievements:

- developed the proposal (Vision&Scope Document) of rework and completion of a previously unfinished project using Extreme Programming (XP) methodology which has got top management approval;
- trained a team member in using refactoring and test-driven development;
- agreed with internal “customer representative” on a set of user stories selected for the first iteration;

Depository Accounting System

(for Ukrainian National Depository)

Project size – ~20.000 lines of code

Team size – 11 members

My sub-team – 3 members (and all 3 members work on 3 other projects in parallel)

Project time frame – 01.2005-01.2006 (1 year)

Role – sub-team leader

Achievements:

- “extracted” project knowledge by communication, and analysis of documentation and code;
- trained two team members using pair programming;
- identified tasks, delegated them to sub-team members, and controlled execution;
- corrected ~10 bugs in existing code;
- developed architecture for subsystem “Journal of incoming and outgoing documents”.

Cargo – Distributed booking accounting system for expediter company

(international customer with offices in Canada, Ukraine and Russia)

Project size – ~12.000 lines of code

Team size – 4 members

Project time frame – 02.2005-07.2005 (5 months)

Role – software developer, project manager

Achievements:

- undertook failing project from a previous developer;
- evaluated existing project elaboration strategy and selected new more successful one;
- identified key user requirements;
- reengineered project concerning previous unhappy user experience;
- agreed the user interface with customers;
- successfully managed implementation of project using PHP+Firebird. Several iterations of project cycle were done and feedback from users was taken;
- defined the system architecture and database design;
- evaluated system security issues;
- hold about 10 presentations for customers (different user categories);
- communication with customers' chief executives;
- trained 7 users.

Environment: PHP, Firebird (Interbase), HTML, Javascript, Linux, Apache.

IRBIS – Integrated Distributed Basis Informational System

(Platform for miscellaneous company products).

Project size – ~600,000 lines of code

Project time frame – 02.2000-07.2005 (5,5 years)

Team members – ~50 persons

Time frame – 5 years

Role – software developer, later sub-team leader (2-3 people)

Achievements:

- developed and supported basic banking types library;
- developed JUnit tests for basic banking types library;
- developed a number of system components (some are described below as separate projects);
- as a strategic planning group member (7 persons out of 50 developing the project) took part in defining system architecture.

Environment: Java, JDK 1.3, JDK 1.4, JBoss, Castor, JDO, Sybase, Jython, Scheme, Power Designer, JUnit.

Report generator

A tool for generation of reports in PDF, RTF etc. based on data selected from RDBMS corresponding to interpreted description of selected data and its presentation. The description is represented in XML and edited with visual editor.

Project size: ~15,000 lines of code

Project time frame – 10.2004-12.2005 (1 year).

Role – software developer, team leader.

Team size – 3 members.

Achievements:

- Identified system requirements;
- Developed system architecture and XML report description format;
- Implemented the system using Jython and Java;
- Integrated the system into IRBIS.

Environment: Java, Jython, JDK 1.5, Sybase, Oracle, XML, XSD, Java Beans, JBoss, FOP, JFor.

FormGen – plain text report generator by user-edited templates

Project size – ~10,000 lines of code.

Project time frame – 05.2004-08.2004 (4 months).

Role – software developer.

Achievements:

- Identified system requirements;
- Developed report definition language;
- Implemented the project using Java.

IMemoryObjList

(SQL WHERE clause interpreter on set of business objects residing in memory.)

Project size – ~2,500 lines of code.

Project time frame – 08.2003-08.2003 (1 months).

Role – software developer.

Achievements:

- Developed architecture (using Scheme for Java);
- Implemented WHERE clause parsing and interpreting it as Boolean function taking business object as argument (in Scheme);

- Developed wrapper class for Scheme code in Java – the List of business objects with filtration capability;

Environment: Scheme (Skij), Java, Castor.

GreenEyes – framework for automatic user interface generation

(based on internal structure of business objects and additional settings in script)

Project size: ~70,000 lines of code

Project time frame – 02.2000-08.2002 (2,5 years).

Team members – 6 persons

Role – software developer, later team leader (I was the youngest team leader in IBIS that time)

Achievements:

- developed near 30% of product architecture
- implemented library kernel
- developed 15 visual components
- consulted on requirements engineering issues
- supported the product
- taught 3 new team members
- extracted library in IRBIS into standalone product

Environment: Java, JDK 1.3, JDK 1.4, JBoss, Castor, JDO, Sybase, Scheme, Jython.

Repository of business object metadata

The tool for generation of business classes' source code in Java and CASTOR mappings based on Power Designer conceptual models.

Project size: ~24,000 lines of code

Project time frame – 06.2002-10.2002 (5 months).

Role: project support, later the management of employee that supported project.

Environment: Java, Power Designer, CASTOR.

StarCon – System of processing and accounting of export-import operations

Team members – 4 persons.

Project size: ~48.000 lines of code.

Project time frame – 02.2000-08.2002 (2,5 years).

Project time frame – 3 years.

Role: software developer.

Achievements:

- Visual interface development using Swing;
- Business logic programming;
- Implemented database service utilities in Icon;
- Added support of Sybase SQL Anywhere (initially only MS Access was supported) – developed Perl script that converted SQL database definition and adjusted code to work with both RDBMS types.

Environment: Java, JDK 1.1, MS Access, Sybase, Perl, Icon, PowerDesigner, SQL.

XML4BOSFOR – screen form generator by XML description

Project size: ~6,000 lines of code

Project time frame – 05.2002-05.2004 (2 years).

Role: project revision and support, later the management of employee that supported project.

Environment: Java, JDK 1.1, XML, XSD.

SPI – software process improvement in IBIS

Role: project manager assistant.

Project time frame – 02.2002-08.2002 (6 months).

Achievements:

- Peer-reviewed such documents as “Estimation of current state of software process in IBIS”, Vision & Scope Document “New vision of processes in IBIS”;
- Established Vision & Scope for internal project management and task progress control tool.
- Participated in meetings about necessary adjustments in processes;
- Supported technical tools supporting new processes:
 - Bugzilla (bug tracking system)
 - Common documentation library
 - Local search engine — UltraSeek;

Decomposed IRBIS project on components for bug binding in Bugzilla.

Shape Services GmbH

<http://www.shapeservices.de/>

Position: Software developer.

2004

Project:

Instant Messaging Gateway

(WAP to ICQ, AOL IM, MSN, Jabber) for mobile clients.

Role – software developer.

Project size: ~20,000 lines of code (whole project written by me)

Project time frame – 04.2004-08.2004 (4 months).

Team members – 4 persons (client developers, testers).

Achievements:

- Developed the protocol of interaction of gate and client;
- Implemented the gateway:
 - servlets for communication with mobile clients;
 - core engine for communication with four different IM server types;
- established refactoring of the transport engine to support concurrent connection for multiple clients.

Environment: Java, Unix, Apache Tomcat, Log4J.

Private research & development company “Recom”

Position: Software developer.

1997–2000

Responsibilities: System software development for UNIX: client-server applications, nonstandard hardware support, C++ (g++), GNU Assembler.

Projects:

Automated Paging Operator Workplace

Project time frame – 09.1998-11.1998 (2 months).

Role – software developer.

Achievements:

- designed and implemented project using Turbo Vision framework;
- implemented submitting of pager messages to server with HTTP post request.

Environment: C++, Turbo Vision, BDSI, HTTP

Autonomous Telephone Station “Kvant” Emulator on PC

Project time frame – 04.1998-04.2000 (2 years).

Team members – 4 persons.

Role – software engineer.

Achievements:

- Optimized code interpreter (RT-Linux real-time kernel module) using GNU Assembler;
- Implemented daemon interacting with code interpreter in kernel;
- Implemented client with full-screen user interface using Turbo Vision like widget system;
- Implemented client with command-line interface;

Environment: FreeBSD, Linux, RT-Linux, Turbo Vision.

Richelieu Lyceum

(one of leaders in Ukraine in pupils' achievements in math and physics olympiads)
1997–2001

Position: **Informatics teacher** (from 17 years old). Also I have executed duties of system administrator and webmaster.

Achievements:

- Organized and held 7 olympiads in lyceum (task inventing, participant work evaluation)
- Teaching pupils programming and solving of programming contest problems;
- Created and supported lyceum web site;
- Supported FTP archive;
- Administered network and servers (Linux, Windows NT).

Ukrainian National Summer School of Young Programmers and Mathematicians

Held in Ochakov (Ukraine) by Odessa National University, Richelieu Lyceum, and Ochakov Lyceum etc.

1997

Position: **Informatics teacher.**

Achievements:

Held practical seminars in olympiad informatics.

Jury of Odessa district stage of Ukrainian National Olympiad in Informatics

(Yearly; 6 years total; first time in 18 years old)

1998–2003

Achievements:

- Prepared tasks for olympiad participants, test data sets, programs for automatic testing of participants' solutions. Tested and evaluated participants' tasks;
- Developed automated system for testing and evaluation of participants' problem solutions in Python.
- Held training gatherings that included lectures, seminars, organization of mini-olympiads, rated participants for selection of the best for Odessa district team;
- Prepared Odessa district team for participation in Ukrainian Olympiad in Informatics finals.

Educational site contest “ThinkQuest”

<http://www.thinkquest.org/>

1999

Position: Pupil Team Leader.

Achievements:

- Leded site development
- Consulted team members on technical questions (HTML, PHP).

Certifications

Certified ScrumMaster (ScrumAlliance)

([view certificate](#))



Brainbench certifications (can be verified with transcript id=[133298](#)):

- Job role certifications:
 - **Project Manager;**
 - IT Business Analyst;
 - **Java Programmer;**
 - Technical Writer;
 - C++ Programmer;
 - Web developer (BCIP);
 - Computer Programmer.
- Some of most notable individual certifications:
 - Project Management (**5th** in Ukraine, **1st** in Odessa);
 - Customer Requirements Analysis;
 - Software Business Analysis (**1st** in Ukraine, **1st** at Bench Games II);
 - Systems Analysis;
 - Business Process Reengineering (**1st** in Ukraine);
 - Java 2 Platform, Enterprise Edition (J2EE)
 - many others (whole list contains more than 50 certifications).

Certified **NLP practitioner**;

Certified Master of Art and Science, neurolinguistic programming (**M.A. NLP**).

Certificate of Participation in Web Design Workshop, held by I*EARN (International Education and Resource Network) and IREX (International Research Experiment and Exchange Council), 2000;

Certification from Ukrainian National Academy of Sciences, Applied Informatics Research and Training Centre – “Methods of learning and using computer networks in secondary schools”, 2000;

Education

1996 – 2003 – Odessa National Mechnikov University, Institute of Math, Economics and Mechanics, applied math department.

Master’s degree in applied math. Master’s thesis “Integrated Environment to Study Programming”.

Some of taken courses:

- PC architecture and assembly language;
- C and C++ programming;
- **Special programming languages (Java, C++);**
- System programming;
- Operating systems;
- Computer software;
- Intelligent systems;
- Expert systems;
- Discrete math;
- economics (basics, micro- and macroeconomics);
- methods of translation;
- numerical methods;
- **RDBMS and informational systems;**
- **Theory of programming;**
- **UNIX architecture;**
- Mathematical logic;
- Management theory;
- Mathematical modeling and system analysis;
- **Management and marketing;**
- Optimization methods.

1992–1996 Richelieu Lyceum, Odessa.

Participation in programming contests

- **Southeastern European Regional ACM Programming Contest, Bucharest, Romania** – 1997, 1998, 2001 and 2002.
- **Ukrainian National Olympiad in Informatics, 1996, II degree diploma.**
- XVII scientifically-practical Small Academy of Sciences “Prometheus”, 1996, **2nd place**, “Creating software tutorial systems”.
- Odessa Palace of Children and Studying Youth, contest “Young programmer-96”,

1996, **1st place**, “Tutorial systems editor”.

- Odessa district stage of Ukrainian Olympiad in Informatics, 1995 and 1996, **3rd place**.
- International olympiad of Pridnestrovye in informatics, 1995, **1st place**.
- Correspondence seminar in programming, Comenius University, Bratislava, Slovakia, 1995, 4th place.
- Fifth youth computer tournament “Compose a program yourself!” (Latvia), 1995, 6th place.

Publications

- Russian National Internet Teacher Board “Всероссийский @вгустовский Интернет-педсовет-2001”, section of informatics and IT teachers, “Requirements to universal integrated environment for teaching programming”, A.Tigarev.
<http://2001.pedsovet.alledu.ru/news.php?n=740&c=27>
<http://2001.pedsovet.alledu.ru/news.php?n=740&c=27>
- International scientific-methodical conference “Richelieu Readings”, Odessa, 1999, “Contests of web site creation by pupils”, A.Tigarev.
- III international scientific-methodical “Specialist development improvement”, Odessa, 1998, “Using Internet-based tutorial systems”, A.Tigarev, T.Tigareva.
- II international scientific-methodical “Specialist development improvement in area of building and architecture”, Odessa, 1997, “Using tutorial system on electrotechnics”, T.Tigareva, A.Tigarev, I.Belous.
- XVII scientific practice conference of Small Academy of Sciences “Prometheus” (informatics section), Odessa, 1996, “Tutorial systems for software users”, A.Tigarev
- International scientific-methodical conference “New technologies in education”, Odessa, 1996, “Creating software tutorial systems”, T.Tigareva, A.Tigarev.

Languages

Russian, English, Ukrainian – all fluent.

Personal Info

Age

28 years old (date of birth – 4.05.1979)

Hobbies

- NLP (in the areas of personal productivity, enhanced communication efficiency and systems thinking);
- conceptual design, creation and support of virtual communities;
- programming contests (organization, development of problems);
- knowledge management tools;
- photography;
- traveling.

REFERENCES AVAILABLE ON REQUEST

Contacts

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MoiKrug: <http://t-gra.moikrug.ru/>

Site: <http://nlp.od.ua/>

Blog: <http://nlp.od.ua/blog/>