

Nadezhda Khalatnikova

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Contact information

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Aim To investigate the experience of cooperation between Universities and industry

Experience

March 2005 – current time

Research Institute of Hygiene, Toxicology and Occupational Pathology

System analyst. Design, development and implementation of Software; user training.

- Software developed by our group was chosen by Ministry of Health for deployment at 3 plants (with about 10,000 employees each) throughout Russia
- Analyzed and collected data and prepared presentation which was presented on the international conference. As a result our group received 5,000,000 rubles grant
- Designed and implemented software for risk assessment of regular and emergency cases at chemical plants, published several articles on «Health Risk Assessment»
- Implemented data exchange between software systems, which led to cost reduction by 350 man-hours per month
- Automated document workflow on dynamics and nature of morbidity, death and level of risk

July 2006 – current time

International project (USA – Russia) «Unified method of State Space Modeling of Biological Systems»

Software developer. Design, development and implementation of Software

Final product will be applied in governmental structures and research institutes dealing with environmental safety, in industry in order to monitor and control industrial effect on the environment and in Universities as a tutorial.

July 2005

Interpreter at the international conference «Decontamination after terror acts»

August 2004 – January 2005

Outsource project. Unified contracts register for large power engineering company

Software developer. Development of software units.

- Automated book-keeping of work-payments relations based on contracts including the possibility to create diagrams of payments/financing and to conduct plan-fact analysis
- Automated document workflow on dynamics of payments, plan-fact analysis, concluded treaties and their execution

July 2003

Internship in Main Treasury of Volgograd region

Intern. Interaction with employees in order to conduct analysis of work procedures.

Analysis of financial and management documents.

- Created a business-process-flow diagram
- Created a scheme of documents' structure and procedure of their assembling
- Participated in design of multi-tier architecture of management system for the organization

Education

2006 – current time

Volgograd State Technical University

Post-graduate student in Computer-Aided Design Engineering

November 2006 – December 2006

Microsoft Certified Technical Education Center

Student

Successfully completed Microsoft Approved Courses:

2779 Implementing a Microsoft SQL Server 2005 Database

2782 Designing Microsoft SQL Server 2005 Database

2784 Tuning and Optimizing Queries Using Microsoft SQL Server 2005

2004-2006

Volgograd State Technical University

Master's degree (with honors) in Computer-Aided Design Engineering

Speciality: Methods of analysis and synthesis of project decisions

- Rating: among first 3 out of 70
- Took 2nd place at the conference «Microsoft technologies in theory and practice»
- Was awarded with incentive prize at 9th Regional conference of young researchers for the project of «Intellectual Interface for the Database of Physical Effects»
- Published several articles on «Design of Human-Computer Interaction with the example of Physical Effects Database»

2000-2004

Volgograd State Technical University

Bachelor's degree (with honors) in «Information and Computer Technologies»

- Received scholarship of Scientific Council (10 students out of 800)
- Designed an information system, which simplified the process of scientific publication by 70%
- Designed an information system «Modeling of Decision-making in fuzzy situation», which was adopted for «Mathematical Modeling» course

Was the member of the University swimming team. Won 2nd place at regional student competition.

Professional skills

Products and technologies:

Microsoft .NET, SQL Server 2000/2005, Crystal Decisions CrystalReports, Borland StarTeam, UML

Programming languages:

C/C++/C#, T-SQL, Pascal, HTML, VB, Prolog, Lisp

Additional data

Fluent English; member of the students' English club

Interests

Management, psychology

Hobbies

Tennis, swimming, hiking and tourism, reading, foreign languages, dances.

Recommendations for Nadezda Khalatnikova

Nadezda has educational background in the field of information technologies. She is experienced in designing, implementing and supporting databases and applications based on databases. Nadezda has already participated in several international projects in the area of science and industry. She proved to be professional, communicative and creative person.