



Vjekoslav Levačić CV

Personal Information

- Name: Vjekoslav Levačić
- Nationality: Croatian
- Date and place of birth: 27.11.1981., Čakovec, Croatia
- Email: vjekoslav.levacic@fer.hr

Languages

- Croatian (native), English fluent, German beginner

Skills

- Programming languages: Java, C++, C#, C, HTML, SQL, OpenGL, Assembler
- Internet technologies: J2EE, Struts, Spring, Tapestry, PHP
- Database experience: MySQL, IBM DB2, Hibernate framework
- Development tools: Eclipse, MS Visual Studio.NET, Matlab, JBuilder, KDevelop, QT
- Operating systems: MS Windows XP family, Linux (Mandrake, SUSE)

Education

- 2000 – 2005 Faculty of Electrical Engineering and Computing^{*}, University of Zagreb, Croatia. Currently last year student and studying with an emphasis on scientific research work under mentorship of Prof Igor S. Pandzic. My diploma thesis project is MInfo (see project participations).
- 1997 – 2001 High Music School Varaždin, piano.

Certificates

- Certificate of Achievement MOC 2152: Implementing MS Windows Professional and Server

Project participations

- **MInfo – mobile news distribution system (2005)**
MInfo is J2EE web application that supports news delivery on client mobile terminals via SMS and MMS messages. Project is sponsored by Ministry of science, education and sports and done in co-operation with HINA, the Croatian news agency.
- **VIVIANA – Virtual news presenter (2005)**
VIVIANA is project which goal is to implement virtual news reader that reads the news delivered from HINA, the Croatian news agency. Project uses technologies like 3D face modeling, face animation, MPEG-4 FBA, XML and JAVA.
- **CHAIRMAN – Conference management system (2004-2005)**
Chairman is a Web-based J2EE application helps organizing conferences in terms of paper management and participant management. Project was sponsored by Ministry of science, education and sports. An international conference ISPA 2005 (Image and Signal Processing and Analysis) uses Chairman for conference management.
Activities: Application design, team leader
- **Simple IPv6 network emulator, Ericsson summer camp 2004, Zagreb (2004)**

^{*} Faculty of Electrical Engineering and Computing is member of Similar

The goal of the project was to build a Linux IPv6 network emulator tool. The conference paper based on this project is under preparation.

- **GCC compiler structure and optimizing algorithms research. (2004)**
- **Bluetooth kiosk (2003)**
Kiosk presents faculty news to subscribed students on kiosk display screen.
Activities: Database and Web design
- **Building simple compiler at course Automata, formal languages, and compiler design II (2003)**
Activities: team leader

Conferences

MIPRO 2005, Opatija, Croatia. Presentation of work Chairman – conference management system

Interests

- Sports (riding bicycle, jogging, swimming)
- Music - playing Jazz on my piano
- Movies, hanging out with my friends :-)

Skills to offer for my project

- Knowledge of C++ and experience with MFC [Simple IPv6 network emulator, compiler project] and Linux interface design (QT Library).
- Basic knowledge and experience with following topics (through courses and projects):
 - Pattern recognition
 - Image processing
 - Computer graphics (theory, OpenGL)
 - Virtual environments (Virtual characters) [VIVIANA]
- Experience working in a team.

Currently I work on...

Currently I work on my diploma thesis project – MInfo. After that I will start to prepare for eINTERFACE workshop. I am also thinking in which science field I should specialize in because I have few possibilities to choose from. I am happy that they are related to image processing which I had no greater experience working with until this workshop.

