Miloš Anđelković
Milos Andjelkovic, pronounced: mɪlɒʃ anˈdʒɛlkɒvɪtʃ

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Education

(2008-2010) **University of Belgrade**, M.Sc. in Software Engineering; overall GPA: 9.00 out of 10

(2004-2008) **University of Belgrade**, B.Sc. in Software Engineering; overall GPA: 9.07 out of 10

(2000-2004) **Technical High School**, Computer Technician

Academic projects

(2010) **Messy Lab**
> An Assembly IDE with interpretation and debugging capabilities intended to aid teaching of assembly languages, written in C#.

(2009) **Automobile Cruise Control System**
> A real-time system with a GUI simulator implemented in Java Real-time, deployed on SUSE Linux Enterprise Server and modeled in Rational Rose RT.

(2008) **Airport Baggage Transport System**
> Includes a custom hardware schematics based around the 8086 processor and the 8051 microcontroller, as well as simulators written in C and x86 ASM. Firmwares were implemented in 8086 ASM and Keil C51.

(2008) **MicroJava to C# translator**
> MicroJava is a homebrew language that resembles Java, but is much simpler. Used tools include jFlex for lexer, and CUP for parser generation. The translator is implemented in Java.

(2007) **Distributed Image Processing**
> A project written in Java with emphasis on synchronization protocols between clients, servers and working nodes. The system was designed to be fault tolerant and utilizes the Bag-of-Tasks technique to distribute jobs. The project includes a performance analysis.

(2006) **Preemptive Multithreading Kernel**
> The kernel is written in C++ and some assembly and is designed to run under MS-DOS. It implements synchronization capabilities using semaphores, event handling, I/O and storage devices.

(2006) **Automated Testing and Reporting**
> Black-box testing by separating of Classes of equivalence using Rational Suite. Written in VBA-like macro.

Commercial projects

(2003-present) **Information System for Sports Bookmakers**
> Design, implementation and maintenance of the whole system. Used technologies: Delphi, C#, MySQL

(2005-present) **Various freelance projects**
> Among others: A Dog Race Betting application, a PC-based Arcade Machine clone (hardware and software).

Skills

Programming languages:
> Primary: C, C++, C#, Java, x86 Assembler
> Secondary: Delphi, Pascal, Python, ARM Assembler, Basic
> Understanding and learning other languages is not an issue.

Databases: MySQL, MSSQL, Access, sqlite

Operating systems: Windows, Linux, Mac OS X

Other: UML, Office, Adobe® Photoshop®, Computer Architecture, Basic Digital Circuit Design

Personal Details

Date of birth: 06/27/1985; Gender: Male

Languages: Serbian (native), English (fluent)

Other: I'm always happy to share knowledge. Administrating the student community forum at www.sietf.org