

Ivan Herceg

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Education

- 2005 – present Faculty of Electrical Engineering, Department Computer Science and Engineering University of Belgrade, Serbia. Five-year studies. Current GPA=7.91 (max 10).
- 2001 – 2005 Gymnasium “Miloš Savković” in Arandjelovac. GPA=4.8 (max 5)
Participate in republic program of young talents in Computer Science area.
- 1993 – 2001 Attend elementary school “Milan Ilić Čiča” in Arandjelovac. GPA=5 (max 5)
Awarded the prize of “Vuk Stefanović Karadžić” for the high GPA and participate in mathematic and biology contests.

Project

- 2004 – 2007 Web design. Make, setup and service Internet site:
<http://www.robotech-universe.com> (HTML, MySQL, AJAX & PHP)
Participate in development team which make and setup site of gymnasium. (PHP & HTML)
- 2005 – 2007 Various projects as part of studies, including:
- Project “Parser”, part of exam “Practicum of operation systems”. Java server application for pick up information form Belgrade Stock. (Java & SQL)
 - Project “Kernel operativnog sistem” (Kernel of operation system), part of exam “Operation systems I”. Project is realization of one small, but fully functional kernel of operation system. (C/C++)
 - Project “Simulator Tjuringove mašine” (Simulator of Turing machine), part of exam “Numeric analysis and discrete mathematics”. Project present simulator for imagine machine that is forerunner of today’s computers. (Java)
 - Project “Distribuirano izvršavanje” (Competitive execute), part if exam “Competitive and distributed programming”. Program package contains client, server and work station application. Client give works

to server, server runs works on some work stations. Work stations after calculate result send it back to server, and server after get result return it to client. All applications are synchronized. (Java-RMI)

- Project “Emulator hipo mašine u i386” (Emulation hipo machine to i386), first practical part of exam “System programming”. Assembler code written for hipo machine emulate for running on i386 systems. (Java)
- Project “Makroprocesor” (Macroprocessor), second practical part of exam “System programming”. Implementation of macropocessor with macro variables. (Java)
- Project “Automat za prodaju sokova, grickalica i čokoladica” (Automat for drinks, chips and candies), part of exam “Microprocessor systems”. Documentation, shames and simulations for automat for drinks, chips and candies. Automat takes money, give customer desired item and return change. Also it can be reprogrammed from serial port. (C/C++, i386 asm, Java)
- Project “hkCPU”, part of exam “VLSI Systems”. Shames documentation and synthesized mask for rick five step pipeline cpu. (VHDL)

All project can find on <http://www.ivanherceg.in.rs>

Skills & Interests

Professional skills:

Java, C/C++, C#, PHP, SQL, HTML, CSS, AJAX, UNIX Shell scripts

Professional interests:

Web design with web applications, Object-oriented programming, Server applications

Language:

English	(fluent)
Spanish	(basic comprehension level)
BHS (Serbian)	(native)

Personality:

Responsible, precise, enjoy timework, quick-learn, adaptability...

Additional interests:

History, Space Exploring, Skiing, Tennis...

Other skills:

Driver license