

JOVAN MALOVIĆ

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EDUCATION

(2014 – 2018)

UNIVERSITY OF BELGRADE - SCHOOL OF ELECTRICAL ENGINEERING

Department of Software Engineering

PROJECTS

2048 GAME	Team work; Team leader, graphics, integrator; C, Visual Studio, Git;
MICROPROCESSOR DESIGN	Individual work; Design and microprogramming of a simple microprocessor; Simulator in Java provided by professors;
HUFFMAN CODING	Individual work; C#, Visual Studio;
CONSOLE FILE MANAGER	Individual work; C++; WinAPI; Visual Studio;
MULTIPLAYER BATTLESHIP GAME	Team work; Team leader, server side; Java, Multithreading, Socket, UDP; Eclipse;
BACKGAMMON GAME	Individual work; Java Swing, AI; NetBeans;
STUDENTS SOCIAL NETWORK	Team work; FrontEnd, Bootstrap, Laravel;
WEBSITE DESIGN	Team work, TeamLeader; HTML, CSS, JavaScript, GoogleMaps API, Bootstrap;
KERNEL	Individual work; Threads, Context switch and Preemption, Semaphores, Events; C++, 8086 assembly;

Other individual works: Search Algorithms (binary, ternary, fibonacci), Binary Tree, Red Black Tree, B* Tree, Radix exchange Sort, Gnome Sort, Bubble Sort, Trie tree [C++]; XOX Game, Stack, Queue, Sparse Matrix [Pascal]; Binary Tree, Graph, Floyd Path [C];

LANGUAGES AND TECHNOLOGIES

- Java, C++, C, HTML / CSS / JavaScript, C#, Pascal, Python, Delphi, asm, SQL
- Eclipse, NetBeans, Visual Studio, Android Studio, Embarcadero Delphi, Git, SVN, Microsoft Office, Adobe Photoshop, After Effects, Premier, CorelDraw, etc.
- Languages:
 - Serbian – first language
 - English – proficient
 - French – intermediate level certificate (DELFI B1)

HONORS & ACTIVITIES

- Participated in Belgrade Programming Competition for High Schools (2014)
- Participated in Serbian National Programming Competition for High Schools (2013)
- Took part in the final of Programmer Junior (2009, 2010)
- Winner of city and municipal programming competitions (2009, 2010)