

# JOVAN MALOVIĆ

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## EDUCATION

(2014 – EXPECTED JUNE 2018)

UNIVERSITY OF BELGRADE - SCHOOL OF ELECTRICAL ENGINEERING

Department of Software Engineering

## EMPLOYMENT

YouTestMe  
Full Stack Developer Internship

Fall 2017, two months, part-time; Java Web Application, JSF, SQL, BPMN;

## 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;

FILE MANAGER Individual work; C++; WinAPI; Visual Studio;

BATTLESHIP GAME Team work; Team leader, server side; Java, Multithreading, Socket, UDP; Eclipse;

BACKGAMMON GAME Individual work; Java Swing, AI; NetBeans;

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;

DATA WAREHOUSE Project in progress; Individual work; MS SQL Server, Kettle, MDX;

FILM FESTIVAL Project in progress; Individual work; Web application; JSF, Hibernate;

GAME FOR ANDROID Project in progress; Individual work; Backgammon game; Android Studio;

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.

**Serbian** – first language

**English** – proficient

**French** – intermediate  
DELF B1 certificate

## 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)