# **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; Front-end, Bootstrap, Laravel;	
WEBSITE DESIGN	Team work, Team Leader; HTML, CSS, JavaScript, Google Maps 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,		

## **LANGUAGES AND TECHNOLOGIES**

Java, C++, C, HTML / CSS / JavaScript, C#, Pascal, Python, Delphi, asm, SQL

Bubble Sort, Trie tree [C++]; XOX Game, Stack, Queue, Sparse Matrix [Pascal]; Binary Tree, Graph, Floyd Path [C];

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)