

Matija Markovic

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Education

University of Belgrade, School of Electrical Engineering

4TH YEAR STUDENT AT THE DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, GPA 9.25/10

Belgrade, Serbia

2016 -

Mathematical Grammar School

HIGH SCHOOL

Belgrade, Serbia

2012 - 2016

Projects

Chicken invaders game on Altera FPGA

- Simplified version of Chicken Invaders game built for Altera's FPGA using Quartus

Different Set Implementations

- Implemented set using single-linked list and Binary search tree, measuring performances to compare those two methods

Operating Systems Kernel Project

- Implemented threads and process time sharing in C++

Two pass Assembler Project

- Implemented two passing assembler simulation in C++

Data security-X509 Certificate signing project

- Implemented certificate signing simulation using RSA and SHA algorithms in Java.

Quiz "Slagalica"

- Implemented using JSF, with both singleplayer and multiplayer game modes.

Skills

GOOD

- C, C++, Java, SQL

HAVE SOME EXPERIENCE

- Matlab, Arduino Programming, Octave, Angular, JSF, Quartus, Python

OTHER

- Algorithms and Data Structures
- Data Security Algorithms
- Object Oriented programming
- Mathematical background
- Basic machine learning concepts
- Languages: Serbian, English