

MARA BOLIC

SOFTWARE ENGINEERING STUDENT

Contact Details

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Address: Oracka 18, Belgrade, Serbia

Skills

- C/C++
- Java
- C#
- Python
- Linux Bash Scripting
- Matlab/Octave
- SQL, PL/SQL

- Serbian - native
- English

Tools

- Microsoft Visual Studio
- Arduino
- NumPy
- SciPy
- Eclipse
- Altera Quartus

Academic History

Software Engineering
School of Electrical Engineering,
University of Belgrade, Serbia
(GPA 8.65/10.0),
Third year Bachelor's degree
student
2017 – present

Grammar School of Computing
Belgrade, Serbia
2013 – 2017

Projects

- 2019 - **Virtual Piano Formatter and Player**- University project in C++ and Java
- 2019 - **Operating System Kernel** - University project in C++
- 2019 - Participated in **HashCode Competition** - Team competition
- 2019 - **Micro Radar** - Team University project on FPGA board
- 2018 - **Maze Generator and Solver** in C
- 2018 - **8Puzzle Game Solver** in C
- 2017 - Final paper on **Cryptography and Cryptanalysis** with implementation of AES algorithm
- 2016 - **Game of Life** simulation in C#
- 2015 - **Differential Power Analysis Side-Channel Attack on AES Algorithm Implemented on Microcontroller** - Team project.

Courses

- 2016 - **Database Design & Programming with SQL**, Oracle Academy
- 2015 - **Applied Physics and Electronics Seminar**, Petnica Science Center
- 2015 - **Machine Learning Course**, Petnica Science Center
- 2014 - **Seminar in technical sciences**, Petnica Science Center
- 2014 - **CCNA Routing and Switching Course**, Cisco Networking Academy