

Nikola Aleksić

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EDUCATION

UNIVERSITY OF BELGRADE, SERBIA

Belgrade, Serbia

Bachelor of Science: Electrical Engineering and Computer Science

2016 – 2020

- GPA: 9.08/10.00
- Notable courses and grades: Artificial Intelligence(10), Probability & Statistics(10), Numerical Analysis & Discrete Mathematics(10), Algorithms & Data Structures(9), Object Oriented Programming(9), Stochastic Systems & Estimation(10)

EXPERIENCE

Google

Zurich, Switzerland

Site Reliability Engineering Intern, YouTube

July 2019 – September 2019

- Created a real-time latency and network round trip time tracking module in C++
- Worked on root causing for timeouts

YDrive.ai

Belgrade, Serbia

Developer Intern, Computer Vision

April 2018 – October 2018

- Worked on creating a semantic segmentation software for autonomous car driving in Python

School of Electrical Engineering, University of Belgrade

Belgrade, Serbia

Student Teaching Assistant

October 2017 - present

- Evaluating homework, tests, and grading students in classes Practicum in Programming and Algorithms & Data Structures
- Mentoring group projects

Operating Systems Kernel Project

- Implemented threads and process time sharing in C++

Localization on a TurtleBot

- Implemented localization based on particle filters with ROS and Gazebo and tested it on a TurtleBot

ADDITIONAL

Petnica Summer Institute Machine Learning (PSIML)

- Attended intense all-day courses on ML topics which combine theoretical and practical work

Programming Competitions

- Represented my faculty at the ACM-ICPC Regionals - <https://icpc.baylor.edu/>
- National Competition in Informatics – Bronze (2015)

Mathematics Competitions

- National Competition in Mathematics – Silver (2014, 2016)
- Serbian Olympiad in Mathematics – Bronze (2015)

Tutoring

- Preparing high school students for the International Olympiad in Informatics and National Competitions in Informatics at the Mathematical Grammar School Belgrade

Skills: C/C++, Python, Java, Assembly, Algorithmics, Machine Learning