

# Nikola Jovanović

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## WORK EXPERIENCE

### Google, Mountain View — Software Engineering Intern

JULY 2017 - OCTOBER 2017

Research and Machine Intelligence

### Google, Zurich — Software Engineering Intern

JULY 2016 - SEPTEMBER 2016

Knowledge Engine

## EDUCATION

### Union University, School of Computing, Belgrade — Bachelor's degree in Computer Science

Third year (expected graduation: July 2019), GPA 10.0/10.0

Teaching assistant for Introduction to Programming and Object-Oriented Programming

## PROJECTS

### Unitary Evolution Recurrent Neural Network — Machine Learning Summer School Project (2017)

TensorFlow implementation and evaluation of a network proposed in "Unitary Evolution Recurrent Neural Networks" paper.

### FAT32 for MINIX — Operating Systems Course Project (2017)

A service for MINIX 3 operating system providing support for detailed inspection of FAT32 partitions.

### pv-vsm — High School Graduation Paper (2015)

Paper on  $\lambda$  calculus and functional programming with own compiler implementation in Haskell. Regarded as the best CompSci project.

## EXTRACURRICULAR ACTIVITIES

### Petnica Summer Institute: Machine Learning — Attendee (2017)

Attended a 10-day summer school with lectures covering a wide range of Machine Learning topics, along with a final project.

### Serbian Committee for Competitions in Informatics — Member (2015 - )

Organizing all levels of official high-school Informatics competitions.

### MG Computer Science Week — Organizer (2015 - )

Organizing and holding lectures on the annual seminar for students of Mathematical Grammar School organized by its alumni.

## SKILLS

**Excellent:** C, C++

**Good:** Python, Java, Assembly

**Basic:** Haskell, SQL, TeX, Javascript

## COMPETITIONS & AWARDS

ACM-ICPC SEERC Participation  
(2016, 2015)

International Olympiad in  
Informatics Bronze (2015)

Balkan Olympiad in Informatics  
Bronze (2015)

Microsoft Bubble Cup 13th  
(2016), 5th (2015), 2nd (2014),  
7th (2013)

Challenge 24 Finalist (2016)

International Zhautykov  
Olympiad Silver (2015), Bronze  
(2014)

Serbian Olympiad in  
Informatics Silver (2015),  
Bronze (2014), Participation  
(2013, 2012)

National Competition in  
Informatics Silver (2015, 2014),  
Gold (2013), Silver (2012)

Serbian Olympiad in  
Mathematics Bronze (2015,  
2013)

National Competition in  
Mathematics Honourable  
Mention (2015, 2014), Bronze  
(2013, 2012)

## LANGUAGES

Serbian (native), English  
(fluent)

