

## Employment

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<b>Student Teaching Assistant</b>	<b>University of Belgrade</b>	<b>Oct 2016 – Present</b>
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My responsibilities include preparing homework assignments and helping organizing laboratory exercises as well as some aspects of student assessment on various subjects.

<b>Treasurer</b>	<b>EESTEC LC Belgrade</b>	<b>Jan 2017 – Jan 2018</b>
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Together with 6 more people, I have led the EESTEC LC Belgrade organization. Also, I was responsible for planning budget for every project in organization, paying bills and controlling money flow as well as leading the grants team.

<b>Software Engineer, Intern</b>	<b>Teodesk</b>	<b>Jun 2017 – Sep 2017</b>
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I have been working on building an AI chatbot for Teodesk application by using Natural Language Understanding.

## Education

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<b>Belgrade, Serbia</b>	<b>University of Belgrade</b>	<b>Sep 2015 – July 2020</b>
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- B.Eng. in Software Engineering. GPA: 9.3 / 10.0. (2015 - 2019)
- M.Eng in Software Engineering (2019 - 2020)
- Coursework: Calculus; Computer Architecture; Algorithms; Operating Systems; Databases; OOP; AI; ANN;

## Project and Publications

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- **Realization of complete computer system - processor, GPU and keyboard interface on Cyclone III FPGA chip (Quartus 13.1)**(2018) The project implements communication of processor and various controllers across the bus. Also, project includes realization of simple game (known as Snakes) in assembly for the implemented processor. This was a team project (team of 5).
  - **Inside Out (CodeIgniter, ORM, HTML, CSS, JavaScript, JQuery, Ajax, MySQL, Bootstrap)**(2018) The ultimate web application for improving company's time and resource management. Easy distribution of employees into teams, giving them tasks and tracking team's progress. This was a team project (team of 4).
  - **Nim game (C#)**(2018) Implementation of a variation of a Nim game, including 3 levels of computer player (bots) with minimax and alpha-beta pruning algorithms. Also, implementing UI of the application.
  - **Thread management subsystem (C++, 8086 assembly)**(2017) Implementation of a kernel subsystem for preemptive multi-threading for Intel 8086 CPU with time sharing on a single CPU that supports context switching, event handling and implementation of semaphores.
  - **Program for encryption and decryption of electronic mail (C lang.)**(2016) Implementation of Diffie-Hellman key exchange, RSA, SHA256 and Blowfish algorithms and combining them into an application for encryption / decryption of emails. Also, implementing UI of the application. This was a team project (team of 3).
  - **License plate detection (MATLAB)**(2015) Implementation of algorithms for License Plate Extraction, Character Segmentation and Character Recognition.
  - **Women More Educated Not More Equal**(2012) Paper published in the "Women Empowerment – The Road Ahead" journal within the "Community Development & Leadership Summit 2012" in New Delhi, India.

## Additional Experience and Awards

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- Second place on EESTech Challenge Final Round 2018 hackathon. Theme - Data Science.
  - First place on EESTech Challenge Local Round 2018 hackathon. Theme - Data Science.
  - First place on EESTech Challenge Local Round 2017 hackathon. Theme - Machine Learning.
  - First place on CodeBeyond hackathon (2016). Theme - online banking.

## Languages and Technologies

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- C/C++, C#, Python, Java, Pascal, Assembly, PHP, MATLAB, SQL, HTML, CSS, JavaScript.
  - Keras, TensorFlow, CodeIgniter, Laravel, JQuery, Ajax, Bootstrap, MySQL, JMS, JDBC, JPA, Latex, Git.
  - NetBeans, Visual Studio, PhpStorm, StarUML, MySQL Workbench, PhpMyAdmin, SQL SMS, LabView.