# Bojan Popržen

Undergraduate student of Software Engineering

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## Education

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|---|---|
| Oct 2017 – present | **Faculty of Technical Sciences** **University of Novi Sad, Serbia**<br>Bachelor's: Software Engineering and IT (GPA: 9.95/10)<br>Courses and more info at: `http://bit.ly/2RaGBi0` |

## Work Experience

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| Oct 2019 – present | **Faculty of Technical Sciences** **Novi Sad, Serbia**<br>Student Demonstrator<br><br>Courses:<br>– **Object Oriented Programming 2** - Advanced Concepts of OOP using C++<br>– **System Programming 1** - Assembler, Compiler, Loader and Linker; Grammars |
| May – Sep 2018 | **AIESEC** **Novi Sad, Serbia**<br>Volunteer<br><br>AIESEC is the world's largest youth-run organization. I took part in a team which worked with international volunteers coming to Serbia. |

## Projects

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| 2019 | **Q-Learning mouse** `github.com/ele7ija/Q-Learning-Mouse`<br>*Research* – Reinforcement Learning – Python – Jupyter Notebook – Numpy<br>An agent utilizes Q-Learning (RL) in a discrete action space. The next step would be to apply NNs as approximation functions in a continuous state/action space. |
| 2019 | **Smart Home** `gitlab.com/bpoprzen/smart_home`<br>*Application* – Java – Swing – PowerDesigner – XML<br>Desktop Java application for generating XML files based on user inputs in GUI. |

## Skills

- *Web* - Backend-oriented, SQL, also HTML, CSS
- *Software Development tools and practices* - Modeling (PowerDesigner), `git`, JUnit, eclipse, virtualizations
- *Competitive Programming* - Went to competitions organized by the Information Society of Serbia in High School; went to a few other hackathons and competitions
- *Other* - LATEX, PyZMQ, Jupyter Notebook
- *Interests* - various: RL and its applications, backend web programming, distributed apps (using PyZMQ)
- *Languages*: Serbian, English (C1), German (A2)