

Bojan Popržen

Undergraduate student of Software Engineering

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Education

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

Work Experience

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

Projects

2019	Q-Learning mouse	github.com/ele7ija/Q-Learning-Mouse
	<i>Research</i> – Reinforcement Learning – Python – Jupyter Notebook – Numpy	
	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
	<i>Application</i> – Java – Swing – PowerDesigner – XML	
	Desktop Java application for generating XML files based on user inputs in GUI.	

Skills

- *Web* - Backend-oriented, SQL, Apache HTTPD, Tomcat but also HTML, CSS, JS
- *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)