

Petar Deljanin

SOFTWARE ENGINEER

☎ (+381) 665 741 741 (+386) 69 69 77 20 | ✉ petar.deljanin@hotmail.com | 📱 deljanin | 📧 petar-deljanin-0762481a6

About me

I am an undergraduate student of computer science. I am looking for cross-cultural positions in the field of computer science. I want to develop my full-stack software development, teamwork, and leadership skills. I want to broaden my perspective of the field, to deepen my knowledge in it, and to obtain professional experience. I enjoy customizing my development environment and any opportunity to express my creativity.

Skills

Languages JAVA, C#, PHP, HTML, CSS, JavaScript, Python, R, C, jQuery, SQL, Bash

Frameworks Git, CodeIgniter, Ajax, Node.js, Bootstrap, SASS, React

Multimedia Photoshop, Illustrator, Kdenlive, Inkscape

Office productivity Word, Excel, PowerPoint, Docs, Sheets, LaTeX

Education

Bachelor of Science in Computer Science

Koper, Slovenia

UP FAMNIT (UNIVERSITY OF PRIMORSKA; FACULTY OF MATHEMATICS, NATURAL SCIENCES AND INFORMATION TECHNOLOGIES)

Oct. 2019 - Sep. 2022

- Diploma thesis: "Developing a genetic algorithm for optimizing traffic network topologies by using an agent-based simulator"

Electrical technician of Information Technologies

Belgrade, Serbia

ITHS (INFORMATION TECHNOLOGY HIGH SCHOOL)

Sep. 2015 - Jul. 2019

- Final project: "Turbo Wash, car washing appointment manager"

Projects

Developing a genetic algorithm for optimizing traffic network topologies by using an agent-based simulator

Koper, Slovenia

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Oct. 2021 - Jul. 2022

- We developed a Road network agent-based traffic simulator. It simulates the road network traffic of Koper. I developed the construction of the intersections.
- I developed a Genetic Algorithm for optimization of the road network. By changing the types of intersections I was attempting to improve traffic flow.
- Used Java with libraries for the project and R for thesis graphs.

My Fridge web app

Koper, Slovenia

SOFTWARE ENGINEER & TEAM LEAD

May. 2022 - May. 2022

- GDSC (Google Developer Student Clubs) Hackaton
- We developed the My Fridge web application for minimizing food waste. The application proposes meal recipes the user can make based on what he has in his fridge.
- I developed a web crawler which obtains recipes and ingredients from an other website at the rate of ~ 4 milliseconds per recipe.
- The team composition was cross-cultural, and I was the team leader responsible for the organization.
- Used vanilla PHP, MySQL and XAMPP Server with HTML, CSS, JavaScript and Bootstrap 4. As well as JAVA for the web crawler.

My Barber

Koper, Slovenia

SOFTWARE ENGINEER & TEAM LEAD

Feb. 2022 - Jun. 2022

- My Barber helps foreigners and tourists with finding a barbershop in their area and with reserving appointments. It helps barbershops with managing their services, appointments and the locations.
- I developed the front-end and appointment booking parts of the website.
- As a team lead I had to create the presentation and to present the project.
- Used PHP with CodeIgniter, MySQL and XAMPP Server with HTML, CSS, JavaScript and Bootstrap 5.

Tennis Manager

Koper, Slovenia

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Oct. 2020 - Jan. 2021

- Developed Tennis Manager website for tennis. It helps tennis clubs and professional players with storing and managing information about their matches.
- Used vanilla PHP, MySQL and XAMPP Server with HTML, CSS, JavaScript and Bootstrap 4.

D&A Coaching

Koper, Slovenia

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Mar. 2020 - Jun. 2020

- D&A Coaching is a website which helps the customers in acquisition of necessary information about certain topics connected to fitness and coaching.
- I developed a forum with custom topics, newsletter subscription and support emailing service.
- Used HTML, CSS, Bootstrap 4, JavaScript, Node.js and Ajax.

Certificates

- **Complete React Developer** Udemy, July 2022.
- **Learn Ethical Hacking From Scratch** Udemy, July 2022.

Miscellaneous

Spoken Languages Serbian (Native), English, Slovenian, Croatian, Bosnian, Montenegrin.

Design I have designed numerous logos, backgrounds and cover photos for side projects.

Hobbyist video game platoon leader I have led numerous platoons of up to 48 people to conquer territories in PlanetSide 2.

Carpentry firm assistant I learned how a firm operates, and I have assisted my dad in hard physical and logical work.

Interests

- **Technical** I want to learn how an entire full stack works. Interested in Spring Boot, Flask, and JS frameworks. Furthermore, I would like to learn more about ethical hacking and Cybersecurity in general.
- **Personal** In my free time I like to learn new things by going down rabbit holes on the internet for all sorts of topics I'm interested in. I like to read books on self help, spirituality and computer science. I like to implement practical advice of these books in real life scenarios and to keep growing as a person. I enjoy calistenics and martial arts as they keep my body in shape and my mind sharp.

Contact References

- **Aleksandar Tošić** Assistant Professor, FAMNIT, University of Primorska, aleksandar.tosic@upr.si.
- **Jordan Aiko Deja** Director, UX Philippines, jordan@uxph.org.
- **Zoran Lončarević** High School Professor, ITHS, Comtrade, Belgrade, zoran.loncarevic@vlatacom.com.
- **Jernej Vičič** Professor, FAMNIT, University of Primorska, jernej.vicic@upr.si.