

ALEKSA TEŠIĆ

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ABOUT

Software engineer experienced in building and maintaining microservice oriented projects. Always programming something.

Currently interested in DevOps and ML and learning about it.

SKILLS

ACTIVELY USING

Python
Typescript
Javascript
Postgres
MongoDB

CURRENTLY LEARNING

Docker
Azure Services
GitHub Actions
Tensorflow
React

HAD SOME EXPERIENCE

C
C++
Java
Haskell
R

COLLABORATION

Git
Jira
Confluence

SPOKEN LANGUAGES

Serbian (*Native speaker*)
English (*Excellent*)
German (*Basic*)

EDUCATION

University of Belgrade, Faculty of Mathematics
Department of Computer Science - Informatics Bsc, GPA: 8.56/10

2017 – present

WORK EXPERIENCE

Penta Fintech
Junior Backend Engineer (Node + Express, Postgres, Typescript)

March 2019 – present

Upwork / Freelancing
Individual development work, from planning to QA. Mostly in Python.

December 2017 – March 2019

Junior Associate in Petnica
Junior Associate on Computer Science and STEM departments in IS Petnica.

2017 - present

PUBLICATIONS

"Prediction of sequential movements in 2D spaces": Tešić, A; ISP Conference 2017 proceedings

"Cloudiness estimation for video meteor observations": Nikolić, V; Schröder, L; Tešić, A; IMC 2017 proceedings

"Estimation of Cloud Coverage from Night-Time Images": Tešić, A; ISP Conference 2016 proceedings

SELECTED PROJECTS

Notify Me (Python, React, Selenium Scraper, Microservices)

Monitors web pages for you and sends you an email if the page has changed. (Can be shown if requested, repos are private).

Flask backend, React front, 4 dockerized microservices, Selenium scraper. CI / CD via Github Actions and Azure.

Vehicle autopilot using fuzzy controllers and metaheuristics (Python, Genetic Algorithms, Fuzzy Systems)

Optimization of the fuzzy parameters for the fuzzy system. Fuzzy system was controlling the vehicle, and the goal was to improve the controls via GA.

Github Link

GitHub Network (Python, Web Scraping)

Program which maps my GitHub network and makes a nice image out of it.
Made it for fun.

Github Link

Music Fractals (Python, DSP)

Program which distorts Sierpinski triangles based on the amplitude of the given signal.
Made for geometry project on faculty, further development is for fun.

Github Link

Google Form generator (Python)

Created a language which enables you to make a Google Form from a specific file.
Made for TEH department in Petnica.

Github Link

Other projects are also located on my GitHub page, although not all of them are public.