Vanja Paunovic

Software Engineer

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Work History

Teaching Assistant
October 2018 - Present

Union University, Faculty of Computing

- Engaged in Introduction to Programming course
- Teaching college students fundamentals of C programming language

Software Engineer
September 2018 - Present

Flock Social

- Building dashboard for content upload
- Writing web crawlers and scrapers
- Manage user analytics

Data Analyst Consultant
August 2018 - Feb, 2019

Telekom Serbia

- Create machine learning jobs to automate anomaly detection
- Design and develop pipelines to analyze a large amount of telecommunications data and logs using ELK stack
- Create visualizations and dashboards in Kibana

Full Stack Engineer
July 2017 - September 2017

Startup

- Developed responsive MEAN stack web applications
- Provided one-on-one mentoring to assist less experienced colleagues in developing coding skills
- Facilitate data upload 30% by creating administrator content management system

Frontend Developer Internship
July 2016 - September 2016

Devana Technologies

- Worked in a small and efficient team
- Created slider and roadmap for notification app

Education

Bachelor in Computer Science
2016 - Present

Union University, Faculty of Computing

High School Diploma
2012 - 2016

XIV Belgrade Gymnasium

Projects

Dzimiks Analytics - Integrated APIs from social networks to collect all important data.

InfViewer - Lead a team of four software developers. Ensured team members stayed on task. Assigned coding tasks to team members.

GeKoSeM - Ensured the programming team developed a high-quality working application. Made key decisions for process implementation. Directed team meetings to check on progress and plan code direction.

Languages

English - Professional working proficiency

Serbian - Native or bilingual proficiency

German - Elementary proficiency (Deutsches Sprachdiplom der Kultusministerkonferenz - A2)

Honors And Awards

FON Hackathon, March 2019 (2nd place)

Our solution was a chatbot that provides users with information on the distribution of airborne allergens with the help of an interactive map. Since such information is not available in real time, the system uses machine learning to assume the concentration of allergens in the air based on previous data and additional factors like wind direction and air humidity.

SICEF Hackathon, November 2018 (finalist)

Created native mobile app which recognizes pain severity using face detection of demented people.

NASA Space Apps Challenge, October 2018 (3rd place)

Implemented a tool which creates a unique piece of art using NASA Earth imagery data and Google Deep Dream.

CodeGovernment, May 2018 (3rd place)

Developed web app with simple UX design and smart search engine which simplifies usage of eGovernment portal.

MatHack, May 2018 (finalist)

Made web app that generates optimal trajectory from starting to ending point on the map using machine learning algorithms.

FON Hackathon, April 2018 (1st place)

The solution was distributed cloud-based analysis system with interactive data visualization. The system contains a tool for personalized package recommendation, as well as a tool for detecting irregularities in the network in real time.

Skills

Java

C/C++

ELK Stack

JavaScript

Python

Golang

MongoDB