

DIMITRIS ILIOU

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SUMMARY

My name is Dimitris Iliou and I am about to graduate from the University of Peloponnese with a major in software engineering. As part of my curriculum, at the moment I am having my internship at the Artificial Intelligence Center of the Czech Technical University in Prague until April of 2021, while my thesis was on Android Software Development.

EXPERIENCE

Wordpress Developer

Mar 2020

Achaia Stars | Patras, GR

Fully developed and maintained a website using WordPress for a local car shop in my hometown.

- www.achaiastars.gr

Research Software Engineer

Oct 2020 - Apr 2021

Artificial Intelligence Center | Prague, CZ

I was fortunate to work as a Software Developer in a joint project with SKODA AUTO and the Urban Mobility research team, with my main responsibility to create a visualization tool, for the researchers of the faculty. This tool is aiming at my team and their research work, helping them run simulations and understand the different scenarios between an electric and a diesel/gas vehicle. The main functions of the tool are:

- Load GeoJSON data,
- Analyze the data
- Visualize and animate the routes and the activities of each vehicle.

During my time at Artificial Intelligence Center, I worked mainly with JavaScript and MapBox API but I also learned how to work with Jupyter Notebooks, Git & GitHub, Python with Pandas and Numpy. I already had some base knowledge of SQL from my University but I gained an understanding of how SQL and Python can be used to extract and create data files that are needed.

EDUCATION

University of Peloponnese | Bachelor of Science in Computer Science

Expecting Apr. 2021

- Thesis: Development of an Android application for the students of the ECE department of the University of Peloponnese.
- Expertise: Software Engineering

LANGUAGES

- Native Greek
- English C1 Certification (Expected Jan. 2019)

UNIVERSITY PROJECTS

- Store, manipulate and retrieve data in a given database architecture using ORACLE APEX, SQL, PL/ SQL and JDBC
- Android app development in 3-4 weeks for one of my courses called "MobileApplications Development" using Android Studio which gave me the opportunity to associate with my university and create an official app for the students of my department
- Creation of a mockup design using Adobe XD for a website of our choice

SKILLS

JAVA, C, PYTHON, JAVASCRIPT, SQL, MYSQL | Android Studio | IntelliJ IDEA | Oracle APEX | WordPress | Firebase | XAMPP | Git & GitHub | JupyterLab