Ayman Fakri
Software Engineering Student

A humble student trying to make the world a better place.

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EDUCATION

BASc in Software Engineering
University of Ottawa

09/2019 - Present   *9.67/10 cumulative gpa*

WORK EXPERIENCE

Full Stack Developer
Thinking Capital

09/2021 - Present
Achievements/Tasks

- Worked on generating realistic data that is used to demo banking management features to stakeholders
- Writing rails jobs that use Flinks api to show the user up to date insight
- Working on integrating banking data sent by rails job to a python projection generating model

Teaching Assistant
University of Ottawa

05/2021 - 09/2021   *Ottawa*
Achievements/Tasks

- Teaching lab sessions and insuring that all the students understand the material.
- Helping students debug their code and fix errors.
- Grading the assignments.

Softwre Engineering Intern
Aeponyx

05/2020 - 08/2020   *Montreal,Canada*
Achievements/Tasks

- Responsible of the design and testing of their flagship AWG using a python library: IPKISS
- Worked on the data analysis of their local heaters using multiple data science technologies: python, R, pandas and numpy
- Did some redesigning of their official Website

SKILLS

Node.js   React.js   Postgresql

Golang   Pyhton   Java

Javascript   Firebase   AWS

PERSONAL PROJECTS

Leaderboard Hosting (01/2021 - 03/2021)
- Made a leaderboard hosting platform where organizations can send their competition scores through its REST api, and the web app would generate a sortable leaderboard.
- Built with Node.js, Express.js, Postgresql.

Plagia Detector (11/2020 - 12/2020)
- A web application where you put in two text and the app would output the percentage of similarity using the Jaccard index.
- Built with React.js.

Service Manager (09/2020 - 11/2020)
- Mobile application that allow the management of a service.
- Customers can create an account and send requests, search for branches, rate branches, view the status of their requests and pick appointments.
- Employees can view and process requests. They can also view supporting documents sent by the customer. They can set-up appointment times etc..
- Builts with: Android Studio, Java, Firebase.

carbon footprint app (08/2021 - Present)
- Working on my startup idea on the side
- It will help individuals track their impact on the environment in a fun and seamless way
- Currently being developed using : Ruby on rails , and react native

ACHIEVEMENTS

Dean's list award (Fall2019)

Dean's list award (Winter2020)

Dean's list award (Fall2020)

Dean's list award (Winter2021)

Dean's list award (Summer2021)