

AHMAD AMALI

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EDUCATION

University of Alberta

Bachelor of Science in Computing Science; Minor in Economics

Edmonton, CA

Sept 2018 – Sept 2022 (Expected)

SKILLS

Languages: Python, C, Java, JavaScript, HTML, CSS, SQL.

Technologies, Frameworks and Others: Git, Heroku, React, NodeJS, AWS, Linux.

EXPERIENCE

Ada's Developers

Software Developer

Edmonton, CA

January 2021 – April 2021

- A highly selective accelerated ~10 week software development internship designed to give students professional experience working in a team based environment towards a given project for each cohort.
- Currently part of an agile team creating a resume application to connect students with industry sponsors, to be deployed to over 1K+ members of Ada's team, using a modern technology stack and the latest industry methods to ensure the production of clean, testable and maintainable code.
- **Tech-Stack:** ReactJS, NodeJS, Express, PostgreSQL, ZenHub.

PERSONAL PROJECTS

Cloud8

Sept 2020 – December 2020

<https://github.com/CMPUT301F20T11/Cloud8>

- Participated as a member of a 6 person Agile team developing a Java mobile application using Android Studio as part of the Software Engineering coursework at the University of Alberta.
- Utilized various software engineering design and planning principles such as Scrum, GitHub, TravisCI and Trello.
- Developed sign-in logic with a secure solution for password keeping using Google Fire Store to authenticate members and securely store data on a cloud database.
- **Tech-Stack:** Android Studio, Java, Github, Trello, TravisCI and Discord.

Get Stock Price!

January 2021 – Present

<https://github.com/AhmadAmali/StocksApp>

<https://financialdata.herokuapp.com/>

- Developed and deployed a web application using Python and the micro framework Flask that retrieves stock prices for the respective companies in real time using a financial data API.
- Used JavaScript, HTML and CSS to construct the front-end of the web application.
- Deployed the web application using Heroku.
- **Tech-Stack:** Python, Flask, CSS, HTML, JavaScript, Heroku.

MongoDB Forum Application

December 2020

<https://github.com/AhmadAmali/Mini-Project-2>

- Developed a database application using the python wrapper for MongoDB called PyMongo, that is based around a question and answer forum capable of performing multiple actions prompted by the user, presented in a neat Text User Interface.
- Implemented an algorithm capable of efficiently indexing 1-2 GB JSON files in under 5 minutes to support a faster search algorithm for the database.
- **Tech-Stack:** Python, MongoDB.

ADDITIONAL

Languages: Fluent in Arabic, English; Basic knowledge in French, Learning Spanish.

Hobbies and Involvements: Soccer (10+ years), Photography and Reading, Google Student Developer.