

AHMAD AMALI

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EDUCATION

University of Alberta

Bachelor of Science in Computing Science; Minor in Economics

Edmonton, CA

Sept 2018 – December 2022 (Expected)

SKILLS

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

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

EXPERIENCE

TradesLink and the University of Alberta

Software Developer

Edmonton, CA

September 2021–December 2021

- Currently developing a mobile application as part of a 6-person Agile in collaboration between the University's Product Management course and a small local company, that allows tradespeople to connect with each other and find consistent, quality work.
- Constructed the backend of a classifieds module within the application that allows the purchase and sale of tradespeople related items using Laravel and MySQL housed in a Docker container.
- Deployed API to a cloud instance, ensuring consistent and error-free behaviour using CI/CD methods and automated testing.
- **Tech-Stack:** React Native, Laravel (PHP), MySQL, Docker.

Worker's Compensation Board Alberta

Software Developer Intern

Edmonton, CA

May 2021–August 2021

- Spear-headed infrastructure upgrade for internal insurance calculator application used by 100 employees, upgrading to a newer version of NodeJS and refactoring C# back-end to comply with new package versions.
- Automated manual data fix processes using PowerShell scripts to access Microsoft SQL Server, reducing time needed to run the data fixes by 86%.
- **Tech-Stack:** C#, React, NodeJS, SQL, PowerShell.

Ada's Developers

Software Developer

Remote, CA

January 2021 – April 2021

- A highly selective accelerated ~10-week software development internship designed to give students professional experience working in an agile team-based environment towards a given project.
- Contributed in 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 industry methods to ensure the production of a clean, testable and maintainable web application.
- **Tech-Stack:** React, NodeJS, Express, PostgreSQL, ZenHub.

PERSONAL PROJECTS

Bunyaan (1st place finish)

<https://devpost.com/software/bunyaan>

June 2021

- Developed a community based task tracker that facilitates the conversation between likeminded individuals aspiring to similar goals as part of a hackathon hosted by UC Berkley's Muslim Student Association.
- Implemented application back-end using Python's microframework Flask and contributed to the front-end design choices.
- **Tech-Stack:** Python, MongoDB, Flask, JavaScript, HTML, CSS.

ADDITIONAL

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

Volunteering: 2018 and 2019 Student's Union Campaign Volunteer, 2020 Inter-departmental Science Student Society Sports Committee