

Mitchell Moore

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Software Engineer

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EDUCATION

Master of Applied Computer Science, Dalhousie University

Apr 2021

Key courses: Advanced Web-Development, Cloud Computing, Lean Business Strategy, Quality Assurance.

Bachelor of Computer Science, Dalhousie University

Sept 2018 – Dec 2019

Key courses: Data Structures and Algorithms, Software Engineering, Operating Systems.

Bachelor of Science, Dalhousie University

Sept 2018

Double major in Microbiology, Immunology and Political Science.

EXPERIENCE

Virtual Hallway – Software Engineer

June 2021 – Present

- Worked with a Growth team to ideate, implement, and test features.
- Designed and implemented an onboarding flow that increased registered users to active users by 35%.
- Implemented the schedule service virtual hallway used for users' schedules.
- Worked with the marketing team to integrate Klaviyo on user events to engage users in a data driven manner.
- Main engineer to write the company's unit and end to end tests. Wrote modular tests and mocks that could be in multiple tests to speed up development.
- Setup our continuous integration and continuous deployment pipelines with Bitbucket pipeline and Docker.
- Sole engineer to implement billing and payment automation service to create customized exports for provincial health care billing services and exports for QuickBooks.

Lockheed Martin – Technical Co-op: Software – Internal Research and Development

Jan 2021 – Apr 2021

- Worked with an Agile team to create new software to replace legacy systems within a large code base.
- Improved VM CPU by 17%, by using code analyzer to reduce redundancies in a high throughput system.
- Implemented a dead reckoning algorithm to predict the movement of vessels at a high hertz rate.
- Security Clearance: NATO Secret

Dalhousie University – Graduate Teaching Assistant – Advanced Topics in Software Development

Jan 2020 – Aug 2020

- Created tutorials to teach students Spring Boot, SOLID principles, clean code, coding anti-patterns, and TDD.
- Mentored students one on one to improve their coding practices for assignments and their term project.
- Acted as project owner to decide which features should be implemented in their term projects.

SKILLS

Languages:

JavaScript, TypeScript, Java, PHP, Python, MySQL, Go

Frameworks:

Vue, React, Nextjs, Laravel, Node, Spring Boot, Tailwind, Jest, PHPUnit, Selenium

Tools:

Git, Docker, Jira, CI/CD, AWS, Azure

PROJECTS

Scheduling App

Created a scheduling app based on cal.com. I followed cal.com as an open-source project and added pull requests but wanted to build a Next.js project with Typescript to strengthen my understanding of Next.js and Typescript. Currently a work in progress.

- The App allows users to CRUD schedules, create a URL that their schedule can be viewed, and allows users to book appointments with users.