



Matthew Goodman

Software Engineer

McGill Computer Science new-grad and technology enthusiast looking for full-time Software Engineering, Full Stack Engineering, or Frontend Engineering position. En/Fr.

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SKILLS

Languages: JavaScript, Golang, Python, Java, C, C++, Bash

Frontend: JavaScript, TypeScript, ReactJS, Redux, Bootstrap, SemanticUI
Ionic Framework, HTML, CSS, SCSS, LessCSS, Pug

Backend: NodeJS, ExpressJS, MongoDB, SQL, DynamoDB, AWS Lambda

Cloud & Hosting: AWS, DigitalOcean, GCP & Firebase

Data Science: Python, Pandas, Jupyter, Bokeh, BeautifulSoup

Software Tools: Kubernetes, Git, GitHub, JUnit

Other Experience With: ROS (Robotics), OCaml

WORK EXPERIENCE

Amazon Canada // Software Development Engineer Intern II

Jun 2022 – Aug 2022

AWS Cloud Map · Vancouver, Canada

- Enabled same-service service discovery in Kubernetes clusters allowing customers to create resilient and redundant services that communicate across multiple clusters - [GitHub · AWS Cloud Map MCS Controller for K8s Project](#)
- Contributed to the Kubernetes open-source multicloud community to help break the hard-boundary of communication between Kubernetes clusters
- Closed major [GitHub Issue](#) to advance project towards a beta version compliant with Kubernetes SIG-Multicloud specs
- Keywords, Tools, Technologies: AWS · GOLANG · KUBERNETES · OPERATORS SDK · NETWORKING & DNS · OPEN-SOURCE

Amazon Canada // Software Development Engineer Intern I

Jun 2021 – Aug 2021

AWS Cloud Map · Vancouver, Canada

- Optimized and reduced AWS Cloud Map API traffic through implementation of event-driven architecture for status updates, eliminating need for manual polling
- Onboarded AWS Cloud Map onto AWS EventBridge for event management for health checks and status updates
- Keywords, Tools, Technologies: AWS · DYNAMODB · JAVA · MOCKITO · JUNIT · DEVELOPMENT CYCLE

KargoROO Inc // Software Developer & Technical Lead

Sep – Jun 2021, May – Sep 2020

Montreal, Canada

- Built from scratch, deployed, and maintained iOS/Android mobile app delivery platform & designed [company website](#)
- Integrated Stripe payment handling, Google Maps APIs for delivery tracking
- Managed & organized team's engineering effort including Upwork teams and intern
- Keywords, Tools, Technologies: IONIC FRAMEWORK · REACTJS · REDUX · NODEJS · MONGODB · DIGITALOCEAN

EDUCATION

McGill University // Bachelor of Science

Sep 2019 – Dec 2022

Major Computer Science · Minor Entrepreneurship · GPA 3.6/4.0 · Montreal, Canada

Online Certificates // Udemy, edX, Coursera, FreeCodeCamp (220+ hrs)

Jan 2019 – May 2020

- MERN Stack Front to Back · Harvard CS50x · From NAND to Tetris I · ReactJS + 3 more

PROJECTS

SmartTeams // Personal Project

Sep 2022

Built and launched software engineering tool for software managers to help reduce turnover rates and increase employee satisfaction among engineering teams. Onboarded two teams within first week of launching MVP

McGill Dates // Personal Project

Feb 2022

Built, marketed, and launched Valentine's Day dating app platform for McGill students. Acquired 500+ users first week.

ReviewBoard // CANOSP Open-Source Project · Nominated for Cohort · McGill University

Dec 2021

Improved UX by creating Emoji Picker System for ReviewBoard platform eliminating need to type emoji short codes

KeepUp // Winning Hackathon Project · YHack '19 · Yale University

Oct 2019

Built web-app to allow better real-time communication between students and professors during live lectures