



Matthew Goodman

Software Developer

Computer Science student and technology enthusiast looking to explore the technology field with a **Fall 2022 Internship**. I enjoy learning about the newest tech related to VR, Wearable Devices and its crossover with sports!

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matthewgoodman13



SKILLS

Spoken Languages: English French

- Languages:** Java, Python, JavaScript, C, C++, Bash
- Frontend Dev:** JavaScript, ReactJS, Redux, Bootstrap, Ionic Framework, HTML, CSS, SCSS, LessCSS
- Backend:** NodeJS, ExpressJS, MongoDB, Flask, SQL
- Data Science:** Python, Pandas, Jupyter, Bokeh, BeautifulSoup, AWS
- Cloud & Hosting:** AWS, Firebase, Google Cloud, DigitalOcean
- Software Tools:** Git, Brazil, JUnit, Mockito, Guice



WORK EXPERIENCE



Software Development Engineer Intern · Amazon Canada

AWS Cloud Map Team

June 2021 – August 2021
Vancouver, Canada

- Designed, integrated, and launched an event-driven architecture allowing Cloud Map customers to receive automated events on status changes instead of customers needing to manually poll for updates
- Allows customers to migrate away from Cloud Map's throttled APIs and consequently eases Cloud Map's API traffic

AWS Lambda DynamoDB
EventBridge Java Mockito
JUnit Development Cycle



Software Developer & Technical Lead · KargoROO Inc.

May 2020 – September 2020
Montreal, Canada

- Built a scalable mobile app platform from the ground up as the sole developer using KargoROO's vision of on-the-way deliveries and deployed it to the Apple and Google Play Store
- Built KargoROO's informatic website: *kargoroo.ca*
- Managed company technical aspects of developing their mobile app platform

UI/UX Design Ionic Framework
React/Redux Google Maps Stripe
Firebase MongoDB NodeJS
DigitalOcean 20000+ Lines of Code



PROJECTS

Review Board · Emoji Picker UI Project

CANOSP Open Source Project (Nominated) – Fall 2021 Cohort
Created an Emoji Picker for the Review Board platform.
Allows customers to select emojis from a popup instead of customers typing out emoji short codes.

Python Django Backbone.js LessCSS JQuery

KeepUp · *Best Education Hack*

Winning Hackathon Project at YHack'19, Yale University

Built a Web App that allows for better real-time communication between students and professors during live lectures
Contributed to UI/UX Design, Frontend, and Backend.

JavaScript Bootstrap Firebase



EDUCATION



McGill University · Montreal, Canada

Bachelor of Science · Majoring in Computer Science

September 2019 – June 2023 (U3)

Data Structures and Algorithms Software Design (Java) Introduction to Data Science Web Development Operating Systems



ONLINE CERTIFICATE COURSES



MERN Stack Front to Back via Udemy · 15hrs

May 2020

ReactJS Redux MongoDB ExpressJS NodeJS



University of Jerusalem's Nand2Tetris via Coursera · 30+hrs

February 2019

Computer Architecture Computer Hardware Assembly HDL



Harvard CS50x – Intro. To Computer Science via edX · 100+hrs

January 2019

C Python Flask SQL HTML CSS

+ 4 More (JavaScript/React/FreeCodeCamp) - 65+hrs