

Yassine Boutahar

🌐 <https://boutahar.dev>

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👤 YassineBoutahar

EXPERIENCE

Amazon Inc.

Toronto, ON

Incoming Software Development Engineer Intern

Summer 2021

- Accepted an offer of employment for Summer 2021 from Amazon as an SDE intern

Department of National Defence

Remote - Ottawa, ON

Full Stack Developer Intern

Jan 2021 – Apr 2021 (Present)

- Working on a suite of internal projects backed by Java, Spring Boot, Typescript and React among others

Signiant Inc.

Remote - Ottawa, ON

Full Stack Developer Intern

Sep 2020 – Dec 2020

- Implemented various frontend dashboard tools in **React** used across multiple client-facing products
- Created an **AWS lambda** to process user status events and relay relevant information to a billing service
- Integrated cloud-based **Elasticsearch** for active and historical user data
- Implemented a **backend API** to pipe a CSV string of user activity history to product's frontend
- Updated and maintained unit, component and automation testing using **Jest** and **TestCafe**

Apption Corporation

Remote - Ottawa, ON

Full Stack Developer Intern

May 2020 – Aug 2020

- Created **Node.js** based end-to-end testing suite using TestCafe to robustly verify rendered DOM integrity
- Designed and implemented **SQL** backed survey using Blazor with validation and confirmation screens
- Built a file upload service in **.NET Core C#** with Blazor frontend to manage user documents
- Created an internal license generator C# tool with dynamic **Blazor** frontend for variable client permissions
- Added a careers section and redesigned page footer for company's **React** site

BD2I Inc.

Toronto, ON

Software Developer Intern

May 2019 – Dec 2019

- Developed a multi-panel dynamic mobile application using **Swift 4** and **Java**
- Created and managed a mobile login/sign-up system with dynamic text entry using **Firebase**
- Implemented native media players into app to stream content from URLs and local files
- Built a **face detection** sequence in Swift to perform action upon user introduction

EDUCATION

Carleton University

Ottawa, ON

BCS (Honours) Computer Science / GPA: 11.30/12

Sep 2018 - Apr 2022 (Expected)

SKILLS

- Programming languages: Java, Python, Javascript, C, C++, C#, Blazor, React, React Native, Swift, Typescript
- Tools and technologies: MongoDB, PostgreSQL, Node.js, Firebase, NET Core, PyTorch, TestCafe, Jest, Google Cloud Platform, AWS Lambda, Spring Boot

PROJECTS

Portfolio Builder *Typescript, React, Node.js, DynamoDB, Elastic Beanstalk* [More at www.boutahar.dev](http://www.boutahar.dev)

A web app to facilitate the building, sharing and analysis of a personal financial portfolio

- Proxies financial data from Yahoo Finance API through an AWS hosted Node.js server
- Allows users to add stocks, assign them portfolio percentages, and calculate number of shares to buy
- Conveniently plots historical portfolio data and breakdowns using Chart.js
- Search bar supports ticker autocomplete and trending/recommended stocks
- Lets users share their portfolio with a copiable share link

Find Living Space *Node.js, MongoDB, Python, React*

Helps students find affordable housing within accessible distance of their work/university

- Populate MongoDB database with listings scraped from many renting sites using a Python script
- Dynamically plot accessible houses on a map using MapBox API
- Calculate walking distance between coordinates using Google Maps API
- Query Mongo database for listings that match user-defined criteria