

Yassine Boutahar

🌐 <https://boutahar.dev>

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🐙 [YassineBoutahar](#)

EXPERIENCE

Department of National Defence

Full Stack Developer Intern

Remote - Ottawa, ON

Jan 2021 – Present

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

Signiant Inc.

Full Stack Developer Intern

Remote - Ottawa, ON

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

Full Stack Developer Intern

Remote - Ottawa, ON

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.

Software Developer Intern

Toronto, ON

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

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

Ottawa, ON

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

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

More at www.boutahar.dev

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

SpotiBio *Node.js*

Updates your Instagram profile at a set interval to reflect your current or last played song on Spotify

- Provide custom login to Instagram account and integrated Spotify login
- Query user's current or last played song using Spotify API at continuous interval
- Update user's Instagram account's profile picture, biography and URL to match song

3K5 Books *Node.js, PostgreSQL, React*

Store and retrieve various entities such as users, books, authors, orders, etc. in a PostgreSQL DB

- Dynamic search function for finding books to order
- Register, login, add to cart and submit order functions among others
- Admin mode for bookstore owner to manage book inventory and publisher payouts