https://www.boutahar.dev/

YASSINE BOUTAHAR

(647) 720-7713
yassineboutahar@cmail.carleton.ca

EMPLOYMENT

Fullstack Developer Co-op **Signiant** **Sep 2020 – Present**
- Incoming intern for Fall 2020

Fullstack Developer Co-op **Apption** **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

Software Developer Intern **BD2i Inc.** **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

Ottawa, ON **Carleton University** **Sep 2018 – Apr 2022**
- BCS Honors in Computer Science with Minor in Psychology *(3.9/4.0 Major GPA)*
- Relevant coursework: Web Applications, Software Engineering, Discrete Structures, Database Management, Abstract Data Types and Algorithms

SKILLS

Languages: Java, Python, Javascript, C, C++. C#, Blazor, React, React Native, HTML, CSS, Swift, Bash
Tools: Linux, macOS, Git, MongoDB, PostgreSQL, Node.js, Xcode, Android Studio, Firebase, NET core, PyTorch, TestCafe, Visual Studio, Azure Dev Ops, Google Cloud Platform, AWS Lambda

PROJECTS

findliving.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

SpotiBio *Node.js, HTML*
- 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

Look Inna Book Bookstore *Node.js, PostgreSQL, React*
- Store and retrieve various entities such as users, books, authors, orders, etc. in a PostgeSQL 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

Extracurriculars
- cuHacking, QHacks, uOttaHack, CUSEC participants (2020)
- RRRA Council Member (2019)