

Ayo J. Awoyelu

3B COMPUTER ENGINEERING STUDENT

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Skills

Languages

C++, TypeScript, JavaScript, PHP, HTML5, CSS/SCSS, Java, C, C#, SQL, VHDL, MATLAB

Frameworks/Platforms

Angular 4+, NgRx, RxJS, Auth0.js, MapboxGL JS, Protractor, Laravel, Lumen

Development Tools/IDEs

IntelliJ, UNIX, Nx, Xcode, Git, Android Studio, SQL Server, NPM, Docker Compose, JIRA

Experience

Condos.ca

Toronto, ON

FULL STACK DEVELOPER

May 2018 - Aug 2018

- Developed a recommendation engine to populate listing data based on **500,000+** historical records using **MongoDB** and **MySQL**
- Built infrastructure to filter **30,000+** condo listings by proximity to a major intersection with **MySQL** and **Laravel**
- Wrote RESTful API endpoints with **Lumen** to securely provide resources to the front-end team
- Designed multiple CMS components for managing sensitive employee records with **AWS S3**, **Lumen** and **Docker Compose**
- Integrated multiple third-party API services including **Yelp** and **Google Places** APIs to create a listing description auto-generator

SkyWatch Space Applications Inc.

Waterloo, ON

FRONT END ENGINEERING INTERN

Sep 2017 - Dec 2017

- Built responsive login and signup forms with **HTML5**, **CSS3**, and **JavaScript** by customizing **Auth0.js** hosted pages
- Utilized **NgRx store** to reduce request overhead for image output format selection, restricting requests to **1 per page load**
- Designed re-usable dashboard components to visualize pipeline data with **Angular 4**, **Typescript** and **NgRx**
- Created an overlaying notification service with **Primeng** and **RxJS** to display application notifications
- Implemented **Angular** optimization techniques like **Lazy loading** and **Ahead of Time** compilation reducing build time by **95%**

Hatch Ltd

Oakville, ON

JUNIOR SOFTWARE DEVELOPER - SYSTEMS DEVELOPMENT UNIT

Jan 2017 - Apr 2017

- Developed **C#** scripts to handle cross-platform RDBMS transfers from **Oracle** to **MS SQL Server**
- Worked in an international **Agile** development team to upgrade multiple UI components with **DevExpress**, **HTML** and **ASP.NET Razor**
- Created multiple **RESTful** API endpoints with **.NET Entity Framework** to retrieve data from various **MS SQL Server** databases
- Built an app for engineers to retrieve **2000+** equipment records in **CSV** and **OMI** formats with **Angular 2**, **C#** and **.NET Framework**

Conrad, Business, Entrepreneurship and Technology

Kitchener - Waterloo, ON

BRIDGING ENTREPRENEURS TO STUDENTS (BETS) TRAINING

May 2016 - Aug 2016

- Designed and maintained the main web application and databases with **HTML**, **CSS**, **JavaScript**, **SQL**, and **PHP**
- Implemented bar chart design to display user historical data retrieved from the database using plain **VanillaJS** with **Plotly.js**
- Created the front-end of **BinCity's** Electronic Logging Device (ELD) registration webpage with **HTML**, **CSS**, and **PHP**

Education

University of Waterloo

Waterloo, ON

CANDIDATE FOR BACHELOR OF APPLIED SCIENCE IN COMPUTER ENGINEERING

Sep 2015 - Jun 2020

Algorithms and Data Structures, Embedded Microprocessor, Compilers, Networks, Operating Systems, Database Systems

Projects

Cockroach Nest

Waterloo, ON

HACK THE NORTH

Spe 2017

- CockroachNest helps you monitor your **CockroachDB** cluster by organizing your nodes graphically on a map.
- The app leverages **PagerDuty's Phone Notification API** to alert a database cluster administrator know when a node goes down.

Tryify.shop

Waterloo, ON

DECODE HACKATHON

Mar 2017

- Developed a web application that allows small-time entrepreneurs get validation on their product without opening up an online store
- Designed an intuitive search bar and carousel for effective product look up with **HTML**, **CSS**, **jQuery**, and **Ruby on Rails**

ParkSafe

Toronto, ON

MSFT HACKS

Jun 2016

- An app built with **AngularJS**, **PHP**, and **Twilio** that uses crime data from Toronto public records to calculate a safety index of bike rack locations.