

ANDREW MIKAEEL

📞 647-786-7706 | ✉️ andrew.mikaeel1@gmail.com | 🌐 GitHub | 👤 andrew-mikaeel.com

EDUCATION

Ontario Tech University
Software Engineering (BEng)

Expected Graduation: 04/23
Oshawa, Canada

WORK EXPERIENCE

Cisco | Software Engineer Intern

Jan 2022 – April 2022
Ottawa, Canada

- Will be working on a full stack web application this winter.

Software Developer Contractor

May 2021 – December 2021
Toronto, Canada

Angular, Typescript, Sass, Angular Material, Google Places API, Google charts

- Designed and built a content management system for a charity that directly contributes to the charity's increase in efficiency and ease of maintainability for their records.
- Implemented data visualization tools to easily manage donations, donors and donation recipients.
- The content management system is essential to the charity's transition to a paperless system.

CompuArt Technology | Software Engineer Intern

May 2019 – August 2019
Toronto, Canada

Angular, Typescript/JavaScript, Sass

- Built web forms for medical practices that reduced the time to produce medical reports by over **50%**.
- Lead the development for the user interface of a Laboratory Information System (LIS) using wire-frames provided by the UI/UX designer.
- Developed an Angular work-space to convert the existing collection of reusable user interface components into an Angular library that can be shared across all company projects using Node package manager (npm) - improving workflow and maintainability.

PROJECTS

The Shoppies: Movie Awards | Angular, Typescript/JavaScript, Angular Router, HTML, Sass 🔗

- Designed and built a web application that searches movies on The Open Movie Database (OMDB) api.
- The application allows users to nominate up to 5 movies from the database.
- Implemented a shareable links feature where users can share their nominations with other users.

Netflix Clone | Angular, Typescript/JavaScript, Sass, HTML, RxJS, Firebase, JSON Web Tokens. 🔗

- Implemented a login system using Firebase and Facebook authentication, leveraging JSON Web Tokens (JWTs).
- Developed a Netflix clone with The Movie Database (TMDB) api, by utilizing observables from the RxJS library.

Sorting Algorithm Visualizer | JavaScript, HTML, Sass 🔗

- Built an application that visualizes popular sorting algorithms.
- Implemented Merge Sort, Quick Sort, and Bubble Sort.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML5, CSS3, Sass, Node.js, Python, Java, SQL

Developer Tools: Git, GitHub, Firebase, Unix shell, MacOS Terminal, Node package manager (npm), Angular CLI

Libraries/Frameworks: Angular, React, jQuery, Express.js, Angular Material, Bootstrap, JUnit

Skills: UI/UX Design, Object Oriented Programming, Data Structures & Algorithms, Agile Software Development

RELEVANT COURSEWORK

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|-------------------|-----------------------|-------------------------------|
| • Data Structures | • Algorithm Analysis | • Object Oriented Programming |
| • Web Programming | • Database Management | • Software Architecture |
| • Software Design | • Systems Programming | • Computer Networks |

OTHER INTERESTS

- Top **10%** player in bullet chess on Chess.com. 📊
- Love to play and watch soccer.