

# ANDREW MIKAEEL

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## EDUCATION

### Ontario Tech University

Bachelor of Engineering in Software Engineering

Expected Graduation: 04/23

Oshawa, Ontario

## RELEVANT COURSEWORK

- Data Structures
- Algorithms Analysis
- Object Oriented Programming
- Web Programming
- Database Management
- Computer Architecture
- Software Methodology
- Systems Programming
- Computer Networks

## EXPERIENCE

### CompuArt Technology

Software Engineer Intern - Angular, Typescript, Sass

May 2019 – August 2019

Toronto, Ontario

- Built web forms for medical practices that increased their efficiency by 50%
- Lead the development for the user interface of a Laboratory Information System (LIS) using wire-frames provided by the UI/UX designers.
- 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).

## PROJECTS

**Netflix Clone** | Angular, Typescript, Sass, HTML, RxJS, Firebase, JSON Web Tokens. 🔗 | 🌐

Feb. 2021 – Present

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

**The Shoppies: Movie Awards** | Angular, Typescript, HTML, Sass, 🔗 | 🌐

May 2021

- Designed 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 and provides them with a link they can use to share their nominations with other users.
- The shareable links were implemented using the angular router.

**Sorting Algorithm Visualizer** | JavaScript, HTML, Sass 🔗 | 🌐

Jan. 2020

- 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

**Technologies/Frameworks:** Angular, React, jQuery, Linux, Express.js, Angular Material, Bootstrap

## OTHER INTERESTS

- Top 10% player in bullet chess on Chess.com. 🏆
- FC Barcelona fan who loves to play and watch soccer.