

Andrew Mikaeel

Location: Toronto ON

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Portfolio: <https://www.andrew-mikaeel.com/>

GitHub: <https://github.com/mikandrew53/>

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WORK EXPERIENCE

CompuArt Technology — *Software Engineer Intern*

May 2019 - Aug 2019

Worked on the front end of their Laboratory Information Management System. Used Angular and Sass to build UI components.

The Medcan Clinic — *IT Help Desk*

May 2016 - Aug 2016

Provided technical support to company members. Helped new company members get set up with their workstation. Performed computer imaging on company computers.

EDUCATION

Ontario Tech University — *Software Engineering*

Expected Graduation: April 2023

- Currently working on completing my Bachelor of Engineering.
- Gained Solid knowledge of computer science fundamentals, such as data structures and algorithms.
- Explored a wide range of topics in computer science and electrical engineering, in order to diversify my knowledge of the software engineering field.

St. Theresa of Lisieux — *High School Diploma*

- Discovered my passion for programming through two computer science courses taught in Java
- Ontario Scholar Award

PROJECTS

Sorting Algorithm Visualizer — *Demo:*

<https://xenodochial-kare-dde6be.netlify.com/>

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

Weather app — *Demo:*

<https://nervous-lamarr-1e19ac.netlify.com/>

- Built a weather app to display current and past weather for various cities using the 'metaweather' api
- Optimized the app to only make the minimum amount of http requests to increase efficiency
- Gained a deep understanding of Asynchronous programming and the JavaScript runtime environment, through this project

Online Store Checkout Form

Validator — *Demo:*

<https://silly-cori-c0bbc8.netlify.com/>

- Built an online store checkout form
- Implemented a rounding class to accurately round the cost of the items in the cart
- Implemented a dynamically updating shopping cart

TECHNICAL SKILLS

- JavaScript (ES6+)
- HTML5
- CSS3 & Sass
- Angular
- Java
- PHP
- Python
- MySQL
- Bootstrap
- Data Structures & Algorithms
- Object Oriented Programming
- Git/GitHub