

Zoltan Mathias

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Education

McMaster University, Hamilton, ON

Expected April 2020

Bachelor of Engineering (Co-op), Mechatronics

Relevant Skills

Coursework

- Web Development
- Software Development
- Data Structures & Algorithms
- Principles of Programming

Languages and Technologies

- HTML, CSS, JavaScript
- jQuery, Node, Express, MongoDB
- REST, Cloud9, Git
- C, Java, Python

Work Experience

Junior Controls Specialist, JMP Solutions, Burlington, ON

May 2017 – August 2018

- Electrical design & drafting, and some PLC programming for numerous engineering projects.
- Worked on multiple teams concurrently and worked directly with the client on some projects.
- Recognized for demonstrating a strong attention to detail, teamwork, and self-motivation.

Research Assistant, CAMEF, McMaster University

May 2016 – August 2016

- Independently created a control system to assist in cell imaging of tuberculosis cells.
- Assisted PhD candidates in the methodological procedure of their experiments.

Relevant Projects

Personal Website (GitHub: [www.zoltanmathias.com](https://github.com/zoltanmathias))

- Created with **HTML**, **CSS**, and **Bootstrap** to have a landing page for me and my projects.

Financial Independence Planner (GitHub: <https://bit.ly/2RyplnJ>)

- To assist with retirement by providing a savings goal. Made with **JavaScript**, **HTML**, and **CSS**.

Guess the Color Game (GitHub: <https://bit.ly/2FiFqYP>)

- Guess the correct color from a set of random shades based on a random RGB value. Made with **JavaScript**, **HTML**, and **CSS**.

To-Do List App (GitHub: <https://bit.ly/2M26kES>)

- An aesthetically pleasing app to keep track of things to do. Made with **JavaScript**, **HTML**, and **CSS**.

Sonic Circles (GitHub: <https://bit.ly/2Rm8eGn>)

- An app that combines paper.js, and howler.js to create a visual and sonic palette; where each letter of the keyboard creates an animated circle and sound. Made with **JavaScript**, **HTML**, and **CSS**.

YelpCamp (Currently developing)

- Yelp for campgrounds! Building for an online web development course with **NodeJS**, **ExpressJS**, and **MongoDB** stack.

Extracurriculars

- Triathlete, Multisport Canada; I participate in local charity runs.
- Actively trade stocks for my personal portfolio (~ 30% gain YTD).