

# Matthew Bertolini

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[matthewbert.github.io](https://matthewbert.github.io)

## OBJECTIVE

Highly motivated Computer Science graduate with strong programming and communication skills seeking a position in Software Design and Development. I am looking to utilize my skills to create effective solutions in the testing and development of software in collaboration with co-workers and clients. My addition to your team will lead to increased productivity and yield positive result.

## PROJECTS

[Portfolio Website](https://matthewbert.github.io/) | <https://matthewbert.github.io/>

SEPT 2020 – OCT 2020

HTML, CSS, JavaScript, Semantic UI, Github

- Created a personal portfolio website to show off personal projects and list my development skills that I have acquired during my time learning about web development.

[YelpCamp](https://still-wave-88020.herokuapp.com/) | <https://still-wave-88020.herokuapp.com/>

JUN 2020 – SEP 2020

HTML, CSS, JavaScript, jQuery, Node.js, Express.js, MongoDB, Git

- Developed a web application using a REST API to mimic Yelp
- Features included: User Login & Authentication, Uploading/Editing/Deleting content, Data Persistence with the use of MongoDB
- Hosting on a free Heroku cloud service

[Digital Signage System](#) | University of Guelph

SEPT 2018 – DEC 2018

Waterfall Methodology, Prototyping (Adobe XD)

- Worked with a team on a cumulative project to develop a digital signage management system following Waterfall Methodology, with a focus on pre-implementation stages of development
- Iteratively enhanced design through user feedback by creating paper prototypes and eventually a wireframe in Adobe XD

[Ancestry Web Application](#) | University of Guelph

JAN 2018 – APRIL 2018

C, HTML, JavaScript, Node.js

- Implemented a backend library to parse GEDCOM files using C
- Displayed the parsed files in a frontend web-based graphical interface which manipulated the GEDCOM files using HTML and JavaScript

## EDUCATION

[University of Guelph](#)

Class of 2020

**Bachelor of Computing:  
Computer Science Major,  
Minor in Business**

- Coursework in:  
Algorithms, Programming,  
Android, Cloud, Testing,  
Data Structures,  
Databases, Human-  
Computer Interaction, UI  
& UX Design

## TECHNICAL SKILLS

### Programming Languages

- C
- HTML
- CSS
- JavaScript
- Java
- Python

### Database Management

- MySQL
- MongoDB

### Frameworks

- Node.js
- Express.js
- Semantic UI
- Bootstrap
- JQuery
- React

### Design

- Figma
- Adobe XD

### Software Tools

- Git
- VS Code