103 12th Ave, Apt. 513
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**Michael A. Murphy**

Portfolio

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## Employment

**Software Application Developer**        **Metis Consulting Group**                    **5/2020 – 8/2020**

- Developed and optimized stored procedures and site scripts to improve performance and address possible technical debt; cutting runtime by as much as 50%
- Developed over 200 new updates and features following common OOP and MVC design patterns to satisfy client requirements
- Engaged in support development across the ColdFusion, JavaScript, mySQL stack by triaging, collaborating, and communicating with internal stakeholders and clients to reach swift issue resolution
- Wrote and updated responsive and fast web pages using a combination of HTML, CSS, Bootstrap, JavaScript, and jQuery
- Effectively communicated ideas and blockers for various team meetings; improving work impact and reducing time to task resolution

**Software Application Developer - Intern**        **Metis Consulting Group**                    **6/2019 – 5/2020**

- Researched, documented, rolled out, and demoed the Raygun application monitoring tool and API into our codebase for improved crash reporting and debugging
- Learned about and participated in Agile team development, in particular, Consultancy Scrum
- Developed team support development skills, leveraging JIRA for issue creation, management, communication, and resolution

## Education

**Oswego, NY**                    **SUNY Oswego**                    **2017-2020**

- B.A. in Computer Science
- Coursework: Software engineering; Programming Languages; Testing; Data Structures; Algorithms; Calculus; Discrete Math; Networking; Network Security; Systems Programming; Multimedia Design

## Technical Experience

### Projects

- **Yelp Project** (2020). Desktop application that leverages the Yelp business and reviews datasets to serialize, read, and display the closest path from one business to another using graph traversal. Java, JavaFX, JSON
- **Turing Machine** (2019). Command-line script that parses an input file that provides a series of states and instructions for the machine to follow. C
- **Centro Bus Tracker** (2018). Web application that stores and displays historical data on bus arrival time using upstate New York's Centro Bus API. Flask, Python, JavaScript, HTML/CSS

### Languages and Technologies

- Java, JavaScript, SQL, Python, JSON, Node, XML, HTML, CSS, jQuery, Bootstrap, Git, React, Jira, Confluence, SQL Server