Charles J. May CJMay@fredonia.edu | (716) 465-9665

PERSONAL WEBSITE

<https://Charliejmay.github.io>

EDUCATION

**Bachelor of Science in Computer Science**, State University of New York at Fredonia, May 2020

Data Structures Intro DIP/Computer Vision Software Engineering

Relational/Object Databases Systems Programming Assembly Lang/Computer Org

Intro to Operating Systems Data Warehousing and Mining Data Comm and Networks I

Analysis/Design of Algorithms Computer Security and Ethics Problem Solving Using Objects

Mobile Application Development Paradigms of Programming Languages

**Associates Degree in Computer Science**, Erie Community College, May 2018

Computer Science I & II Discrete Mathematics

Calculus I & II Linear Algebra

TECHNICAL SKILLS

Programming languages: C++, C#, C, Javascript, HTML\*, CSS\* Basic level git version control language, bash

Operating systems: Windows, Linux, Mac OS Microsoft Word, Excel, PowerPoint

COMPUTER/TECH EXPERIENCE

**Project Title**, Analysis/Design of Algorithms, Spring 2019

* Used C++ in order to find the least-step solution to the 15-puzzle problem.
* Adv Algo - created project to develop an algorithm using breadth first search

**Website Development**, Software Engineering, Spring 2019

* first iteration of website – (<https://github.com/Charliejmay/QandMContracting.github.io>)
* Worked directly with company in order to gather all of the information that they wanted to be displayed on the website.
* Used HTML, CSS, and JavaScript to implement the first iteration of the website.

EMPLOYMENT

**Website Moderator/General Contractor**, Q&M Contracting, Buffalo, NY, 2016 – Present

* completely redid summer 2020
* Designed and created a website to help promote the company (website: QandMcontracting.com)
* increased traffic to website
* increased constructions job

**Lifeguard**, Southtowns Family YMCA, West Seneca, NY, 2018

**Lifeguard**, East Aurora Community Pool, East Aurora, NY, 2015-17

ENGAGEMENT OPPORTUNITIES

**NCAA Division III Men’s Swimming & Diving**, SUNY Fredonia, 2018-2020

**NJCAA Men’s Swimming & Diving**, Erie Community College, 2016-2018

* Two-time NJCAA All American
* 400 Medley Relay school record
* 200 Yard Backstroke school record

**Concession Stand Volunteer**, Buffalo Bills, 2016-2018

* Interacted with industry professionals to provide efficient services in a fast-paced environment
* Raised funds for swim team through participation in all home games and events at New Era Field