

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