Ryan McPherson

(954)-235-3344
ryan7mcpherson@gmail.com
github.com/RyanMcPherson7

Education

Bachelor of Science in Computer Science   *August 2020 - Present*

University of Florida, Gainesville, FL

GPA 3.81/4.0

Relevant Coursework

- COP3503 Programming Fundamentals 2
- COP3530 Data Structures and Algorithm
- MAS3114 - Computational Linear Algebra

Involvement

Active Member, Software Engineering Club (SEC)   *September 2020 - Present*

University of Florida, Gainesville, FL

- Assist in development of club software projects
- Develop foundations in software development
- Strengthen communication skills in group projects

Mentor, STEM Summer Institute   *May 2018 - June 2018*

Western High School, Davie, FL

- Mentored young aspiring STEM students in engineering concepts

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Notable Projects

Minesweeper, C++

- Recreated popular retro game Minesweeper
- Strengthened foundation in object-oriented programming
- Developed familiarity with external C++ library SFML

Image Manipulator, C++

- Implemented multiple image blending modes for TGA files
- Strengthened background in binary input/output and bit manipulation

Personal Portfolio, HTML5, CSS3, JavaScript

- Developed portfolio website to display projects and contact information
- Implemented key features including responsive design, form submission, and animations

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Skills

- Programming Languages: C++, JavaScript, Python, HTML5, CSS3
- Software: Git Bash, Affinity Designer, Microsoft Office