

Ryan McPherson

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15300 SW 24th Place
Davie, FL 33326

Education

Bachelor of Science in Computer Science

August 2020 - Present

University of Florida, Gainesville, FL
GPA 3.85/4.0

Relevant Coursework

- COP3503 Programming Fundamentals 2
 - COT3100 Applications of Discrete Structures
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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

Rubik's Cube Stopwatch, C++

- Developed space-bar stopwatch to time and keep track of Rubik's Cube solves
 - Reinforced understanding of working with Windows Command Prompt
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Skills

- Programming Languages: C++, Java, Python
- Environments: CLion, IntelliJ, Eclipse, PyCharm
- Proficient in Microsoft Office and Affinity Designer