

RYAN SMITH

SOFTWARE ENGINEERING STUDENT

ALL ABOUT RYAN

Ryan Smith is a senior studying software engineering at Florida Gulf Coast University. His projected graduation date is May 2022. He is an active member of FGCU's software engineering club and spends most of his spare time as a learning assistant, helping COP 3003 Programming II students understand object-oriented programming concepts through C++. His goal is to use his software engineering career to create a better world and help marginalized communities gain equality.

CONTACT INFO

rpsmith8017@eagle.fgcu.edu
rpsmith77@gmail.com
linkedin.com/in/ryan--smith/
239-293-0082
rpsmith77.github.io
github.com/rpsmith77

PROJECTS

- Color-Blind-Friendly Generative Art (Most Impactful Hack) - Python
 - Randomly generate art, exported in an SVG file, for lossless scalability
- Production Project - Java
 - Prototype of a program to keep track of production in a manufacturing setting.
 - Utilizes a database, encapsulation, polymorphism, inheritance, and abstraction .
- Asteroids - C++
 - Created a game similar to the Arcade game Asteroids! from 1979
 - Utilizes OpenGL and SFML

EDUCATION HISTORY

Florida Gulf Coast University

BS Software Engineering | Expected Graduation Date May 2022

- Most Impactful Hack winner Hackabull 2021
- Learning Assistant
- U.A. Whitaker College of Engineering Ambassador
- Member of the Software Engineering Club
- Dean's List Spring 2020
- ACM Student Member

Florida SouthWestern State College

AA General Studies | Graduated 2019

WORK EXPERIENCE

Learning Assistant

Florida Gulf Coast University | Jan 2020 to present

- Assist with COP 3003 Programming II
- Facilitate discussions among groups of students
- Provide office hours for tutoring, troubleshooting computer issues, debugging, and advice
- Advocate for students
- Identify learning problem areas and suggest solutions

Sales Associate/Photographer

Wildlife Trading Company | Feb 2018 to Present

- Collaborate with management to increase revenue during COVID-19 pandemic
- Work with guests to create memorable photo experiences
- Gift shop operations
- Customer service

SKILLS

■■■■■ Python
■■■■■ Java
■■■■■ C++
■■■■■ Problem solving
■■■■■ Public speaking
■■■■■ Team leadership

OTHER INTERESTS

- Teaching and working with others
- Empowering disenfranchised communities
- Animation
- Woodworking