RYAN SMITH

SOFTWARE ENGINEERING STUDENT

ABOUT RYAN

Ryan Smith is a senior software engineering student at Florida Gulf Coast University with a projected graduation date of 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.

PROJECTS

- Color-Blind-Friendly Generative Art (Awarded 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

CONTACT INFO

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- github.com/rpsmith77

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
- Association for Community Machinery 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