AIDEN THOMAS

starprograms.dev | on@starprograms.dev |
onstarprograms.github.io/CLIwebsite/ |
Aiden Thomas | LinkedIn |

Qualifications Profile

Education

· Part time at EFSC: 2021-2023
  ➢ 3.56 GPA
· Full time college at University of Florida: 2024 – 2027
  ➢ Major: Computer Science
  ➢ Minor: AI Innovation; Communications

Summary

A student at **UF**, who focuses on helping teachers, and seeks out enjoyment in machine manipulations. helps to support the Satellite High Schools Fine Arts program and the community through acts of philanthropy. Interested in innovation within Software Development; Communication; Teamwork; and Cyber-S.I.T. He has received multiple industry certifications in software development.

Additional core competencies include:

Clubs / School Activities

Cyber-Security Club (UFSIT)	Blue Team (Network Defense)
CTF Team (Hacking Challenges)	OSINT (Open Source Intelligence)

Technical Skills

Internet Research	Ux/Ui Design
Python /Java/C++/Rust	Interpersonal Communication
HTML/CSS/JavaScript	Software Development

Skills

I.T.S Computational Thinking—02/2023	I.T.S HTML 5 Applications—01/2023	I.T.S JavaScript—03/2023
Cisco Certified Support Technician	I.T.S HTML/CSS Programming—10/2022	I.T.S Cybersecurity—11/2022
I.T.S Software Development—03/2023	I.T.S Network Security—04/2023	I.T.S Java—05/2023
Microsoft Python—12/2021		

Experience

· Brevard Public Schools – Teachers' Assistant: Jan 2023 – Jan 2024
· Freelance - Software Developer: Jan 2022 – Jan 2024
· Publix - Associate Sales Clerk: Jan 2021 – Jan 2024

Projects

· **Image manipulation utilizing the Rust programming language**

Using the Rust programming language, this project reads multiple .TGA files, saves image data, in regard to the header, and preforms a series of industry standard image manipulation. This project was created to provide a example of how industry standard data manipulation algorithms can be integrated easily in many current applications and languages.

· **Mail Automation Tool using Python and the G-mail API**

By Integrating the G-mail API into python with a database link, this project allows for a Pseudo-Server to be run within the IMAP/POP server system, allowing for a user to have access to the local computer that happens to be connected to the affected E-mail account. This program was designed and developed to provide an example of an easy E-mail based automation tool.

· **Socket Programming Through 3rd Party C Based Digital Graphics Systems**

This project was designed to allow a Handheld 3rd Party C Based Digital Graphics System, 3DS For short, to communicate data through the TCP port into a receiver computer and leverage this real time data to control important system accessibility functions without the usage of other system peripherals. This software was originally developed to allow a user to control their system and circumvent Peripheral intensive applications such as 3D simulators with inbuilt networking

· **Minesweeper (C++/B.F.S. Algorithms)**

By utilizing the SFML Library this minesweeper clone contains all the functionality of minesweeper while utilizing time saving systems. This project is an example of how object oriented programming can both increase a programs productivity and reduce its current sizing. By implementing Breadth first searching algorithms this program is capable of changing multiple objects in a cascading pattern extremely quickly.

To view developer websites' code visit: https://github.com/onstarprograms/cliwebsite