Sydney Oden

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EDUCATION

Georgia Institute of Technology, Atlanta, GA — *BS CM*

AUGUST 2021 - MAY 2025

Third year Computational Media student with threads in Media and Games; Current GPA: 3.51

EXPERIENCE

Forensic Discovery, Remote — *UI/UX Intern*

MAY 2023 - PRESENT

Redesigning UI of current resource page on website and currently posting articles with SEO keywords to improve website clickability.

Multipath, Remote — *UI/UX Intern*

MAY 2023 - AUGUST 2023

Collaborated with a team of SWE and UI/UX designers to come up with a new art style for *Tiny Kingdoms*. Redesigned Cavalry, Soldier, and Archer customization menus with Figma and updated pixel art sprites with Aseprite to be implemented into the current build of the game.

Celtic Engineering Inc., Orlando, FL — *CS Intern*

MAY 2022 - JULY 2022

Coded functions in Mathcad and MatLab for pulse analysis, utilized Simpson's Rule to solve convolution integrals, and developed a custom equation solver to assess its efficiency against built-in methods.

Lima Charlie, Remote — *Cyber Security Intern*

JUNE 2020 - JULY 2020

Conducted research about competing cyber security tools, programmed a port scanner in Python through NMAP within VMware in Ubuntu Linux, and implemented said port scanner into LimaCharlie's open-source database.

Traditional Martial Arts Center, Orlando, FL — *Instructor*

FEBRUARY 2019 - JULY 2021

Achieved black belt rank in February of 2019 after training for 13 years, taught classes to students of all ages, and mentored students in promoting ideals of character, leadership, and stress management.

PROJECTS

Girl Scout Gold Award - developed and taught specialized women's self-defense and empowerment programs

HackGT9 nextStep - platform for GED, college application, and interview processes

SKILLS

Code - OOP and Data Structures and Algorithms in Java, HTML and CSS, basic Python, basic C++, basic JavaFX, basic C

Software - Aseprite, VS Code, Procreate, IntelliJ, Figma, Mathcad, MatLab, Microsoft

CLUBS

Video Game Development (VG Dev) - Georgia Tech (since 2021)

Georgia Tech Treble Choir - Soprano 1 (since 2021)

Pi Epsilon Phi - Georgia Tech Choir Service Fraternity (since 2023)