**Oliver Skoczylas**

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Highly perceptive, resourceful, and proactive student seeking internship opportunity

The University of Alabama - Tuscaloosa, AL Expected May 2026

Bachelor of Science in Computer Science

UA Scholar Merit Scholarship and Engineering Leadership Scholarship (90% of tuition)

GPA: 3.80/4.00

**RELEVANT COURSEWORK**

Introduction to Python Programming (CS 223) CS I and II for Majors (CS 100, 101) Engineering Foundations (ENG 103)

The Discipline of Computing (CS 121) Data Structures and Algorithms (CS 201) Software Engineering (CS 200)

**SKILLS**

Languages and Scripting Python, Java, C, C++, Shell Scripting, SQL

Development Platforms Linux, Windows

Tools / Toolchains / Other GCC, Eclipse, large language model (LLM) (ChatGPT, Claude, Microsoft Copilot)

Certifications PCEP Certified Entry-Level Python Programmer, INSEAD Intro to Blockchain Technologies,

Google Foundations of Cybersecurity, Vanderbilt University Prompt Engineering for ChatGPT

**WORK EXPERIENCE**

*Construction Project Manager, (Personal Investment) Flower Mound, TX*  Mar 2022 - Nov 2023

* Co-designed a single-family home and created visualization using SketchUp – 3D software
* Executed all phases of the construction, from Rough-In, through Top Out, and Final stage to build a new residence

**PROJECTS**

*Term Project: Chocoholics Anonymous System Development (Under Development)*

* Leading the design of a healthcare service management system for people addicted to chocolate, utilizing SDLC methodology
* Conducted software requirements gathering and analysis focusing on member validation, automated billing, and real-time reporting
* Coordinating system testing, simulating user interactions and ensuring data integrity

*Independent Project*

* Developed "Death Fight," a 2D fighting game coded in Python, leveraging the Turtle graphics library for real-time animation and rendering
* Utilized Python’s Turtle module to design and animate complex fighting sequences and character movements, enhancing the visual appeal and user experience
* Designed a user-friendly interface and continuous game loop, ensuring smooth gameplay and responsive player controls

*Independent Project (Under Development)*

* Spearheading the development of "Moves," a location-based social app designed in Xcode to enhance social connectivity among college students during night outs
* Integrating GPS functionality to enable users to see real-time locations of their friends, fostering safer and more coordinated social experiences
* Implementing features such as privacy settings, friend lists, and event notifications to maximize usability and user engagement
* Utilizing Swift in Xcode to create a robust and responsive user interface, ensuring a seamless user experience across iOS devices

**CAMPUS ACTIVITIES AND VOLUNTEER SERVICE**

*Recruitment Team, PHI KAPPA PSI Fraternity, Tuscaloosa, AL* Oct 2022 – Present

* Developed, and executed recruitment and marketing events to promote membership and values to new members
* Recruited new members consistently exceeding targets for new pledge classes

*Volunteer, Jeremiah's Community Garden, Tuscaloosa, AL* Aug 2022 - Sep 2022

* Grew and tended to vegetable crops
* Delivered healthy food and vegetables to the hungry and less fortunate families in Greenville, AL

*Instructor, Mohler's MMA, Flower Mound, TX* Mar 2018 - Jan 2020

* Coached children aged 8–12, teaching a wide range of technical skills, including fighting theory, endurance training, and personal development

**INTERESTS**

Blockchain, Brazilian Jiu-Jitsu, Snowboarding, AI, Poker, Home Construction, Stoicism, LEGO UCS