

Oliver Tipton

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EDUCATION

Davidson College

Davidson, NC

Bachelor of Science, Computer Science

May 2025

- GPA: 3.71 SAT: 1540
- Relevant Coursework: Data Structures | Algorithms | Algorithmic Game Theory | Concurrent and Parallel Computing | Computer Organization | Linear Algebra

SKILLS

Technical: Java, Python, C, Git, Solidity, Object-Oriented Programming, Shell, Linux, Scrum and Agile Methodologies, Powerpoint, Excel, AWS, Rust, Scala

Language: Spanish (Fluent) and German (Classroom)

Strengths: Writing, Editing, Public speaking and performance, Leadership

PROJECTS

Algorithmic Trading Bot

Davidson, NC

Independent Project

July 2024 - Present

- Building Python trading bot which tracks stock prices and market conditions to pick optimal buy and sell spot positions
- Developing custom trading algorithm for bot to take trades to maximize P&L
- Using Alpaca Trading API for trade connection and market tracking

DeFi Staking Protocol

Davidson, NC

Independent Project

June 2024 - August 2024

- Developed a mock Crypto staking protocol using Solidity which calculates user yield based on reward pool amount and block timestamp, as well as using NFTs to maintain unique user account data
- Integrated Foundry test suite to make creating new test cases simple and easy, and ensure code safety

WORK EXPERIENCE

Precisely

Davidson, NC (Remote)

Technology and Channel Partner Intern

June 2024 - August 2024

- Identified 25+ AWS partnership leads through client meetings and utilization of the ACE registration system
- Participated in client support for Precisely B2B customers and SaaS vendors through sales meetings, product demos, and offering solutions to company specific data problems
- Assisted in relationship building with sales reps at Databricks, Confluent, Microsoft Azure, and more

Camp Southern Ground

Fayetteville, Georgia

Music Program Director

May 2023 - July 2023

- Created and taught a music curriculum to Campers ages 7-17
- Mentored campers through first time public performances
- Oversaw and led camper activities, including campfires and performance nights
- Member of crisis response team, helping ensure camp safety and overall camper well-being

LEADERSHIP & COMMUNITY INVOLVEMENT

Davidson Division I Wrestler

Davidson, NC

NCAA Division I Scholar-Athlete

August 2021 - Present

- Practice consistency and discipline through 20+ weekly hours of lifting, practice, diet planning, and team activities, in addition to a full-time course load
- Receive constructive criticism and feedback with an open mind and the ability to quickly implement changes
- Connect with incoming recruits to discuss collegiate sports, answer questions, and assist in the recruiting process