

Zander John Raycraft

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Education

Vanderbilt University

BS IN COMPUTER SCIENCE AND MATHEMATICS

GPA: 3.4

Nashville, TN

August 2021 – Present

Work Experience

Vanderbilt Department of Computer Science

Nashville, TN

STUDENT RESEARCHER

January 2023 – Present

- Developed physics-based machine learning model functioning as a feedback control input
- Prototyped and designed a soft robot that acts as a hand utilizing ROS program for the imbedded control system and modeling the hardware around that

Puzzler (formerly Nucleo)

Nashville, TN

BLOCKCHAIN DEVELOPMENT ENGINEERING INTERN

May 2023 – August 2023

- Worked as apart of a joint cohort between two companies (Puzzlers/404Dao) as apart of a cohort learning the essentials of Zero-Knowledge blockchain development
- Developed a full-stack web3 app, this dApp being a non-hackable, zero-knowledge based Voting System utilizing the Puzzler SDKs and Leo DSL for the backend

Goldman Sachs Engineering Summit

Nashville, TN

STUDENT PARTICIPANT

December 2022 – April 2023

- Successfully admitted to a fiercely competitive cohort focused on connecting members with industry professionals and gaining hands-on experience for excelling in the Tech industry. Completed specialized modules curated by Goldman Sachs technology department.
- Worked with a team to develop a data-processing application for the minimization and processing of larger data, coded in C++ and Python

Vanderbilt Students Volunteers for Science

Nashville, TN

MEMBER OF IT EXECUTIVE BOARD

December 2022 – Present

- Remodeled the organization's website landing page and optimized internal python software for communication and scheduling of student teaching events
- Responsible for managing a student volunteer group for organizing and teaching STEM lessons to middle school students

UrbanGate Capital

Nashville, TN

INVESTMENT ANALYST/DEVELOPMENT INTERN

August 2021 – October 2022 (currently

freelancing for them)

- Created an internal risk analysis software for determining the potential risk level of an investment, generated as a score between 1 (being the worst) and 10 (being the best)
- Underwrote real estate investment deals to indicate future value and investment quality
- Recruited new investors and communicated with borrowers for deals going through the fund

Phemex

Nashville, TN

STUDENT RESEARCHER

May 2022 – Aug 2022

- Researched and published a paper on the application and future of governance on the blockchain through developmental methods and on-chain analysis
- Published an article analyzing a recent Senate bill centered around promoting research for blockchain technologies

Skills

Programming Languages: Javascript, Typescript, Python, Rust, C++, HTML/CSS, Leo

Tech Stack: Express.js, React.js, Vite, Prisma, Firebase, Figma, MongoDB, Node.js, Flask, Bootstrap