

Zander John Raycraft

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Education

Vanderbilt University

BS IN COMPUTER SCIENCE AND MATHEMATICS

GPA: 3.4

Nashville, TN

August 2021 – Present

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

Work Experience

Vanderbilt Department of Computer Science

STUDENT RESEARCHER

- Developed physics-based machine learning model functioning as a feedback control input
- Designed and prototyped a ROS-controlled soft robotic hand with integrated control system and hardware modeling.

Nashville, TN

January 2023 – Present

Puzzler (formerly Nucleo)

BLOCKCHAIN DEVELOPMENT ENGINEERING INTERN

- Participated in a collaborative cohort (Puzzlers/404Dao) to learn Zero-Knowledge blockchain development essentials.
- Built a non-hackable, zero-knowledge Voting System dApp using Puzzler SDKs and Leo DSL for full-stack web3 development.

Nashville, TN

May 2023 – August 2023

Goldman Sachs Engineering Summit

STUDENT PARTICIPANT

- Joined esteemed cohort, fostering industry connections for Tech excellence. Completed specialized Goldman Sachs modules.
- Developed, as a part of a team, a C++ and Python app for processing and minimizing extensive data sets.

Nashville, TN

December 2022 – April 2023

Vanderbilt Students Volunteers for Science

MEMBER OF IT EXECUTIVE BOARD

- Overhauled website and improved internal Python software for streamlined communication and schedule of student teaching events.
- Responsible for managing a student volunteer group for organizing and teaching STEM lessons to middle school students

Nashville, TN

December 2022 – Present

UrbanGate Capital

INVESTMENT ANALYST/DEVELOPMENT INTERN

- Developed proprietary risk analysis software to evaluate investment risk, generating scores on a scale of 1 to 10.
- 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

Nashville, TN

August 2021 – October 2022 (currently

freelancing for them)

Phemex

STUDENT RESEARCHER

- Published paper on blockchain governance, analyzing applications and future prospects through developmental methods and on-chain analysis.
- Published an article analyzing a recent Senate bill centered around promoting research for blockchain technologies

Nashville, TN

May 2022 – Aug 2022

Career Certificates

August
2023

Quantitative Research Certificate, Engaged with the Quantitative Research division, delivering impactful contributions across four critical assignments. Developed 4 Python machine-learning models to analyze complex data, yielding accurate predictive insights.

JPMorgan Chase &
Co.