Zander J. Raycraft

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I am an efficient and industrious communicator who proactively seeks academic and professional opportunities to grow and learn.

LinkedIn   *GitHub*   *Personal Website*

EDUCATION Vanderbilt University School of Engineering, Nashville, TN   **Degree expected May 2025**
- Pursuing B.S. in Computer Science and B.S. in Cognitive Studies
- Cumulative GPA: 3.4

Jefferson County High School, Dandridge, TN   **May 2021**
- 4.3 weighted GPA

EXPERIENCE Vanderbilt Department of Computer Science Research Assistant – Nashville, TN   **Jan 2023-present**
Student researcher focusing on software development lifecycle and integration of AI and control theory.
- Developed a physics-based machine learning model to correct robots based on real world feedback.
- Developed a C++/Python rooted Analysis program for analyzing and cataloging the model's functionality.

Goldman Sachs Engineering Summit– Nashville, TN   **Dec 2022-present**
Student apart of Goldman Sachs Engineering summit
- Worked with industry professionals gaining knowledge and experience for success in the Tech industry.
- Worked with team to develop an application to take in data from a host of forms, used for generalization and visualization, which was presented to the head of Goldman Sachs technology department.

Vanderbilt Students Volunteers for Science – IT Executive Board intern   **December 2022-present**
Intern for the IT Executive Board for the VSVS organization.
- Remodeled the landing page and built python application for communication and scheduling of student teaching events.
- Responsible for managing a student volunteer group and organizing lesson plans for grade school students.

UrbanGate Capital - Nashville, TN   **August 2021-October 2022**
Investment Analyst for real estate investment fund
- Underwrite Real Estate investment deals to indicate future value, and investment quality.
- Network and recruit new investors for Real Estate Lending Fund
- Keep investors up to date on new opportunities and clear expectations of returns.
- Developed C++ rooted application for evaluating the profitability of a real estate investments, and if it is worth to lend on or not

Phemex, Nashville, TN   **May 2022-Aug 2022**
Student researcher for a crypto trading and investment platform
- Researching the application and future of governance on the blockchain through development methods and on chain analysis.
- **Published** a research paper on blockchain governance, and an article analyzing a Senate bill centered around promoting research for blockchain technologies.

SKILLS
- **Certificate in Machine Learning – Udemy**   **Dec 2022-January 2023**
    Certificate in Data Processing in R and Python
    Certificate in Machine Learning Model development
- **Programming languages:** Python, C++, Solidity, Java, JavaScript, HTML/CSS
- **Languages**: Highly proficient in Spanish, beginning Italian

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INVOLVEMENT AND COMMUNITY ENGAGEMENT Vanderbilt University
- Association of Latin American Students, Jujitsu intramural team, Finance Club, Blockchain Club **Jefferson County High School**
- President of community service organization enhancing school experience for special needs students
- National Honor Society