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U.S. Citizen

EDUCATION

Vanderbilt University

Nashville, TN

- Candidate for BS in Computer Science, BA in Economics
- Candidate for minor in Data Science

August 2020 - May 2024

GPA: 3.80/4.00

- Relevant Coursework: Data Structures & Software Design, Discrete Structures & Algorithms, Digital Systems & Operating Systems, Network Analysis, Linear Algebra, Probability and Statistics for Engineering, Data Science, Artificial Intelligence

Carnegie Mellon University

Pittsburgh, PA

- Relevant Coursework: Principles of Imperative Computation, Concepts of Mathematics

July 2019

EXPERIENCE & PROJECTS

Ann Arbor Pharmacometrics Group

Ann Arbor, MI

Software Development Intern

May 2022 – August 2022

- Led a three-intern team for the full stack development of an internal analysis tool using R Shiny and C++. The product will be used amongst company pharmacometricians to allow customization of drug analysis tables, listings, and figures, and to reduce downtime. The project is developed to meet FDA standards.

Vanderbilt University Digital Systems

Nashville, TN

Teaching Assistant

August 2021 – May 2022

- Tutored 33 students in logic, organization, and assembly language programming. Aided in the transition to an online question-and-answer platform for students to anonymously seek coursework help.
- Assisted professor in grading homework and exams. Standardized scoring and improved answer keys for future use.

Amador Bioscience

Pleasanton, CA

Machine Learning Intern

July 2021 – August 2021

- Used R and XGBoost to analyze research patient data and determine feature importance. Regularly reported analysis methods and results to company executives. Results were used to determine drug efficacy and guide future research objectives.

Yale Young Global Scholars

New Haven, CT

An Insight into China's Investments in Kenya

June 2019 – July 2019

- Conducted and presented a case study of China-Kenya relations and the influence of foreign aid on state sovereignty.

Carleton College Summer Quantitative Reasoning Institute

Northfield, MN

What's Your Beef: The Effect of Visual Representation on Framing

July 2018 – August 2018

- Led a student behavioral economics team to analyze psychological framing from product packaging. Conducted an Amazon MTurk experiment on consumer ratings with 219 participants. A trend was observed but a 2-by-3 analysis of variance indicated no statistically significant difference in consumer ratings based on differences in meat product packaging.

SKILLS & INTERESTS

Python, R, C++, C, HTML5/CSS, JavaScript, Git, GitHub, GitLabs, Visual Studio Code, Figma, Stata, Google Workspace, Microsoft Office, Adobe Illustrator, ROS, Assembly, Autodesk Fusion 360. Interests in video editing, web design, digital art, snowboarding, tennis, saxophone.

LEADERSHIP & ACTIVITIES

Vanderbilt VandyHacks

Nashville, TN

Design Board Member

February 2022 – Present

- Currently oversee Vanderbilt University's Ninth Hackathon website design, VandyHack's cross-year mobile website design, and on-site environmental installations.

VURobotics

Nashville, TN

Student Member

January 2021 – August 2021

- Worked with Camera Sub-team to implement robot vision and compete in the NASA Lunabotics Competition.

HONORS

USA Computing Olympiad **Gold Division Challenger** (2019), VEX Robotics California State Championship **State Runner-Up** (2019)