

Jovian L. Wang

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Education

Vanderbilt University, Nashville, TN

August 2020 - May 2024 (Anticipated)

Bachelor of Science in Computer Science; Double Major in Economics; Minor in Data Science

Projects & Experience

Amador Bioscience

2021

Machine Learning Internship

Used R and XGBoost to analyze research patient data and determine feature importance

Carleton College Summer Quantitative Reasoning Institute

2018

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

Led a behavioral economics student team to analyze psychological framing from product packaging

Conducted an Amazon MTurk experiment on customer ratings with 219 participants

Yale Young Global Scholars

2019

An Insight into China's Investments in Kenya

Studied cybersecurity, the internet, and international law with Professor Asaf Lubin

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

Selected Coursework

Vanderbilt University:

Multivariable Calculus & Methods of Linear Algebra

Data Structures & Intermediate Software Design

Discrete Structures

Digital Systems

Carnegie Mellon University:

Principles of Imperative Computation

Concepts of Mathematics

Skills

Python, Java, R, C++, Amazon Mechanical Turk, LaTeX, Visual Studio Code, Git, Github Autodesk Fusion

360, Google Workspace, Microsoft Office, Adobe Illustrator, Adobe Photoshop, Robot Operating System

Honors

Gold Division, USA Computing Olympiad

2019

State Runner-Up, VEX Robotics California State Championship

2019

National AP Scholar with Distinction, College Board

2020

Activities

VURobotics, Team Member

2021

Worked with Camera Subteam to compete in the NASA Lunabotics Competition

Rocketry Club, Vice President

2018-2020

Reestablished Rocketry Club to compete in the Team America Rocketry Challenge

Expanded membership & community interest in rocketry

DVHS Robotics Summer Camp, Volunteer

2017-2019

Organized and coached middle schoolers interested in Robotics

Community Services

2016-2020

Key Club, Open Heart Kitchen, Pleasanton Hometown Holiday Parade, San Francisco City Impact

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References

Andrea Locke

Professor, Academic Pathways Post-Doctoral Fellow

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Kush Hari

Vanderbilt University Robotics Vice President

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Matthew Kim

Dougherty Valley Transportation Club President

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