

# Anzhe Yuan

+1 (352) 328-4342

anzhe.yuan@vanderbilt.edu | anzhey2@gmail.com

## EDUCATION

### Vanderbilt University

*Bachelor of Engineering in Biomedical Engineering*

- Dean's List

- Relevant Coursework: Program and Project Management, Statistics, Quantitative Methods, Chinese

**Nashville, TN**

*Expected May 2025*

### University of Florida

*Electrical and Computer Engineering*

- IEEE HKN Electee | Dean's List 4x | Benacquisto Scholar

- Relevant Coursework: Linear Algebra, Differential Equations, Multivariable Calculus, Macroeconomics, Physics 1 & 2, Modern Physics, Signals and Systems, Circuits, Programming, Micro/Nano Systems, Cognitive Psychology, Political Philosophy, Emergency Medicine

**Gainesville, FL**

August 2019 – May 2023

## EXPERIENCES

### Centiva Capital, LP

*Quantitative Research Intern*

- Researched trading techniques on commodities and equity index futures using common tools including MATLAB and Python
- Focused on USDA data, sentiment, proprietary econometric data, and mathematical concepts such as Lévy's stochastic area
- Gained in-depth training on fundamentals of derivatives and portfolio management in the context of a multi-strategy hedge fund

**New York, NY**

*Since June 2024*

### Rubinov Lab at Vanderbilt University

*Undergraduate Research*

- Research on applying machine learning techniques to fingerprint patients based on fMRI human connectome data

**Nashville, TN**

January 2024 – May 2024

### Qubit by Qubit

*Lead Mentor*

- Mentored three local students through the QxQ Introduction to Quantum Computing Program two years in a row
- Developed syllabus for a month-long course and delivered several lectures related to quantum computing
- Assisted the students in carrying out short research projects in the quantum information science field involving Python simulation

**Los Angeles, CA**

July 2022, July 2023

### University of Florida Interdisciplinary Microsystems Group

*Undergraduate Research Assistant at Feng Lab*

- Worked on an "Ising Machine" project which seeks to construct a quantum-inspired computer using oscillators
- Collaborated with group from Northeastern University on combinatorial optimization problems using C++ and LocalSolver
- Participated in weekly presentations of journal articles through the Journal club, BBBC training, as well as paper proofreading and events such as NanoDay
- Competed in 2022 UF AI Days Hackathon as member of team behind "Bask" machine learning solar output prediction project

**Gainesville, FL**

September 2021 – September 2023

## INTERESTS

### Vanderbilt Quantum Initiative

- Developing skills in quantum computing application through a multi-month course cohort
- Participated in The Wond'ry Quantum Studio

**Nashville, TN**

*Since September 2023*

### Quantum Resistant Ledger

- Wrote articles warning of quantum security threat to blockchain cryptography, actively participated in the community's Discord, Github, Slack etc. and tested software for the QRL foundation
- Assisted the community as an escrow and arbitrager with \$112,000+ in transactions with over a dozen clients
- Regularly traded digital asset in an accumulation strategy using exotic ideas including monitoring a proprietary alternative data source, reaching a top 80 worldwide wallet value with all initial capital withdrawn

*Since November 2017*

### Vanderbilt Blockchain

*AnchorDAO Analyst*

- Researching crypto projects and blockchain fundamentals by preparing articles and pitches, founding member of AnchorDAO

**Nashville, TN**

September 2023 – January 2024

### Future of Florida Summit

*First Place*

- One of 60 undergraduates statewide invited for 3-day conference on economic policy
- Pitched policy proposal with team and won first place

**Gainesville, FL**

February 2022

## SKILLS

**Skills:** MATLAB, C++, Microsoft Office Specialist, Laser and Hazardous Materials Safety Certified, AHA BLS Training

**Additional Activities:** Vanderbilt Science Olympiad, Vanderbilt Quantitative Finance Club, Vanderbilt Trap and Skeet Club, Vanderbilt Wilderness Skills, Boxing