

# Anjali Vadlamudi

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## Education

### University of Illinois at Urbana Champaign

Computer Science BS/MCS

Champaign, IL

May 2025

Relevant Coursework: Algorithms, Machine Learning, Probability and Statistics, Systems Programming, Artificial Intelligence, High Frequency Trading

### Lund University

Lund, Sweden

Relevant Coursework: Language Technology, Smart Cities AI Ethics, Compilers

August 2023-Dec 2023

### American Heritage School

Delray Beach, FL

Presidential Scholars Candidate, National Merit Finalist, AIME/ARML Qualifier, Sigma Xi 1st Place

May 2021

## Experience

### Belvedere

Chicago, IL

#### Junior Trading Intern

June 2024 – August 2024

- Completed options theory and trading operations classes taught by Belvedere Trading University
- Participated in market making and mock trading games and shadowed commodities and equities trading desks
- Used Python and SQL to model and optimize edge retention of QQQ day trades

### Optiver

Chicago, IL

#### Quantitative Trading Intern

June 2023 – August 2023

- Participated in five week rigorous options theory class
- Traded Tesla options in a simulated trading environment in a collaborative group using options theory knowledge
- Coded and back-tested day to day trading strategies using Python and daily open and close prices of AAPL's spot price

### Optum

Remote

#### Technology Development Program Intern

June 2022 – August 2022

- Worked in an agile software development environment with a team to re-architect an approver maintenance web portal that is utilized company-wide using C, Blazor, and supporting REST APIs/RESTful web services
- Developed frontend features using design mockups and integrated API endpoints orders
- Automated test cases using the Blazor bUnit testing library and Postman

### Drive Wealth

Remote

#### Crypto Software Engineering Intern

January 2022 - March 2022

- Learned API services and connecting backends at DriveWealth
- Worked on DriveDigital which offers a crypto API service connecting investors and marketplaces
- Utilized Python and Java to connect DriveDigital and DriveWealth's APIs for the crypto team

## Projects & Activities

### Blood-Brain Barrier Permeability Prediction

Champaign, IL

#### NCWIT Collegiate Award Finalist

January 2022

- Qualified as one of the 80 finalists for high level of innovation and potential impact in computer science
- Created a machine learning algorithm that predicts blood-brain barrier permeability of neural drugs and coded a GUI for researchers to use for testing

### Engineering Council Corporate Team

January 2022

- Organized corporate events for engineering students
- Provided companies with a database of resumes book of engineering students to help companies find suitable employees

### Illinois Business Consulting

Champaign, IL

#### Consultant

January 2022 - January 2023

- Analyzed and developed new market strategies as a consultant for the ITI cybersecurity team
- Assisted Clayborne and Wagner by researching and proposing new legal projects at UIUC

## Skills

**Technical:** Java, Python, C++, C, JavaScript, Matlab, Julia, HTML, Tableau, React

**Languages:** Telugu, Spanish