

EDUCATION

Washington University, Arts & Sciences, St. Louis, MO

Master's in computer science | *Certificate in Machine Learning and Data Mining*
Bachelor of Arts in Economics & Computer Science | *Certificate in Financial Economics*

Graduation: May 2024
Graduation: May 2023

Relevant Coursework:

Advanced Algorithms	Data Mining	Money and Banking	Adversarial AI
Econometrics	Machine Learning	Object Oriented Programming	Behavioral & Experimental Economics

PROFESSIONAL EXPERIENCE

Angstrom Sports – London, UK (Remote)

Summer 2023

Sports Betting Analytics | Data Science Intern

- Collaborated with a team of four data scientists to develop predictive models for college basketball games, using Python and machine learning techniques (Logistic Regression, Random Forest, XGBoost).
- Constructed models to predict player assists and referee influence on fouls, contributing to the pricing of player props for sportsbook clients.
- Handled large datasets using SQL for efficient data retrieval, pre-processing, and feature engineering.
- Validated model performance through back testing with real NCAA data.
- Developed an interactive dashboard to analyze and visualize key metrics in college basketball.

Computer Science & Math Tutor – St. Louis, MO

August 2022 – May 2023

- Tutor 4 students weekly in Calculus II, Data Structures & Algorithms, and Intro to Computer Science courses.

8Evolve – Miami, FL

Summer 2022

Online health/wellness solution | Business Development Intern

- Updated pitch deck monthly to include data for potential investors using analytical tools to examine user download and retention rates.
- Researched and gathered market data on the new field of Psychedelic medicine.
- Created and maintained data detailing revenue projections for all streams of income for 12 months.

Altshuler Shacham Investment House – Tel Aviv, Israel

Summer 2021

Global manager with \$80B AUM | Intern

- Summarized reports on investment strategies incorporated by research team.
- Wrangled data using the Bloomberg terminal and assisted in creating financial model to predict stock prices.
- Dissected earnings reports to obtain key quarterly information.
- Shadowed traders on trading floor and learned about: SPACS, various methods of technical analysis, US corporate bond trading.
- Designed wire frame for investment app on Figma.

PROJECTS & EXTRACURRICULARS

Washu Quant Club– St. Louis, MO

September 2023 – May 2024

Core Developer

- Work with the research team to back test and implement trading strategies
- WashU Chicago Quantitative Alliance competition team member

Intercollegiate Poker Association – Saint Louis, MO

August 2021 – May 2023

Founder and President

- Founded WashU chapter consisting of nine team members.
- Led practices designed to improve team comradery and improve poker skills.
- Organized team members' schedules ensuring equal opportunity among the team.
- Competed in intercollegiate poker tournaments as member of the team.

Zeta Beta Tau Fraternity Alpha Xi – St. Louis, MO

December 2020 – December 2021

President

- Elected by peers to lead chapter of 50 men and developed goals to promote success and growth in the chapter.
- Responsible for end-to-end annual budget of \$50,000 used for social events, house upkeep, philanthropy, and insurance.

Skills: Programming Languages: C++, Java, Python, JavaScript, SQL, experienced in Data Science and Machine Learning tools, strong Quantitative skills, leaderships skills, organizational management experience