

AUSTIN ADAMS

@ aja@ku.edu 📍 Leawood, Kansas 🌐 ajadams.co in linkedin.com/in/austin-adams-938898169//
🔗 https://github.com/AustinJAdams

WORK EXPERIENCE

Research Assistant

University of Kansas

📅 May 2019 – August 2019 📍 Lawrence, KS

- Supported a professor in Financial Econometrics by doing literature reviews, code reviews, and writing.
- Worked on a paper about using LASSO models in currency markets for short-term price prediction.

Business Rotational Intern

Cboe Global Markets

📅 May 2018 – August 2018 📍 Lenexa, KS

- Created an automated quantitative fraud analytics system using mathematical modeling, Excel, and Python.
- Automated compliance reporting tools using the Bloomberg API and Python.

Audit and Finance Intern

Midwest Trust Company

📅 May 2016 – August 2016 📍 Overland Park, KS

- Worked with the Investment Team in Growth Division by preparing presentations about potential investments.
- Conducted several internal audits verifying that in-scope procedures were followed.

LEADERSHIP EXPERIENCE

KU Algorithmic Trading Team

Team Lead

📅 Jan 2019 – Present 📍 Lawrence, KS

- Created models to trade futures, options market make, and dynamically allocate portfolios using Python and C++ for the Midwest Algorithmic Trading Competition.
- Placed 1st out of 30 attending teams in Options Market Making at the competition

KU Investment Club

President

📅 May 2017 – Present 📍 Lawrence, KS

- Collaborate with other officers to create weekly meetings discussing the stock markets, current news in finance, options, and debate on profitable strategies and stocks to invest in for a group of 30 regularly attending students

KU Economics Club

President

📅 May 2016 – Present 📍 Lawrence, KS

- Organize presentations and events with the KU Economics Department for current and future Economics students.

EDUCATION

Bachelor of Science in Mathematics

University of Kansas

📅 Jan 2020 📍 Lawrence, KS

Bachelor of Science in Economics

University of Kansas

📅 Jan 2020 📍 Lawrence, KS

- **GPA:** 3.50
- **Concentration** in Statistics
- **Bachelor Certificate** in Data Science
- **Relevant Coursework:** Machine Learning, Data Science, Real Analysis, Time Series Analysis, Probability and Statistical Theory, Mathematical Finance, Stochastic Processes

TECHNICAL SKILLS

Python

Data Science

Machine Learning

Data Mining

Econometrics

R

Linux

Statistical Modeling/Visualization

PROJECTS/PAPERS

Dynamic Portfolio Allocation of Cryptocurrencies

- This ongoing project started with trading Cryptocurrencies with Triangle Arbitrage, to Markowitz Portfolio Optimization, and is currently using LSTM Neural Nets.

ajadams.co

- A personal website that attempts to highlight personal achievements and skills built using Jekyll, HTML, and CSS.

Oaxaca.py

- Creation of the first and only package in Python to do Oaxaca-Blinder decomposition, a statistical method to explain gaps in mean values of groups.

Does Your ACT Score Predict Your Success?

- This paper examines if ACT scores/ACT sub-scores are predictive of a student's success in a major or school.