

AUSTIN ADAMS

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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.