Matthew Kaye

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EDUCATION

Carleton College, Northfield, MN *September 2016 - January 2020*
Bachelor of Arts, Economics and Mathematics. GPA: 3.60
Relevant Economics Coursework: Applied Microeconomics, Labor Economics
Relevant Technical Coursework: Algorithms I & II, Artificial Intelligence, Bayesian Statistics, Data Structures, Mathematical Statistics, Real Analysis
Relevant Research Experience: Independent Reading on State Space Models, Senior Thesis on Urban Life Satisfaction (Advised by Professor Mark Kanazawa)

Choate Rosemary Hall, Wallingford, CT *September 2013 - June 2016*

EXPERIENCE

Federal Reserve Bank of St. Louis, St. Louis, MO *Summer 2019*
Research Intern, FRED Team
- Prepared new series from the BLS, IMF, and more for upload to FRED, including data wrangling and creating thorough metadata programmatically
- Worked on machine learning algorithms for applying proper tags to Z1 series
- Wrote FRED blog posts

Carleton College Department of Economics, Northfield, MN *Spring 2019*
Econometrics Teaching Assistant for Professor Mark Kanazawa
- Ran two sessions per week to help econometrics students master course material, improve their R and LaTeX skills, think through projects, and prepare for exams
- Graded homework assignments

Carleton College Statistics Lab, Northfield, MN *September 2018 - June 2019*
Lab Assistant
- Helped Carleton students master statistics material
- Worked with students on improving important R skills and debugging code

Carleton College Math Skills Center, Northfield, MN *September 2017 - November 2018*
Tutor
- Helped Carleton students master calculus and linear algebra material

Northfield Information Services, Boston, MA *Summers 2017 and 2018*
Real Estate Risk and Data Science Intern
- Built a database of property types and location coverage for Northfield clients
- Completed everyday data wrangling, data visualization, and modeling tasks for the real estate risk team

SKILLS

Technical: Java, Python (Pandas, Numpy, Scikit-Learn, Statsmodels), R, SQL, Tableau
Language: Non-native fluency in Spanish, basic French, basic Portuguese

INTERESTS

Baseball, chess, data visualization, economics and public policy, reading, skiing