# Matthew Kaye

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| **EDUCATION** | **Carleton College,** Northfield, MN *September 2016 - January 2020* |

**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