

Matthew Kaye

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EDUCATION	Carleton College , Northfield, MN	<i>September 2016 - January 2020</i>
	<i>Bachelor of Arts, Economics and Mathematics. GPA: 3.60</i>	
	<i>Economics Coursework:</i> Applied Microeconomics Seminar, Labor Economics	
	<i>Technical Coursework:</i> Algorithms I & II, Artificial Intelligence, Bayesian Statistics, Data Structures, Mathematical Statistics, Real Analysis	
	<i>Research Experience:</i> Independent Reading on State Space Models, Senior Thesis on Urban Life Satisfaction (Advised by Professor Mark Kanazawa)	
	Choate Rosemary Hall , Wallingford, CT	<i>September 2013 - June 2016</i>
EXPERIENCE	Federal Reserve Bank of St. Louis , St. Louis, MO	<i>Summer 2019</i>
	Research Intern, FRED Team	
	<ul style="list-style-type: none">• Prepared new series from the BLS, IMF, and more for upload to FRED, including data wrangling and preparing thorough metadata• Worked on machine learning algorithms for applying proper tags to Z1 series• Wrote FRED blog posts	
	Carleton College Department of Economics , Northfield, MN	<i>Spring 2019</i>
	Econometrics Teaching Assistant for Professor Mark Kanazawa	
	<ul style="list-style-type: none">• Ran two sessions per week to help econometrics students master material and improve their R and LaTeX skills• Graded homework assignments	
	Carleton College Statistics Lab , Northfield, MN	<i>September 2018 - June 2019</i>
	Lab Assistant	
	<ul style="list-style-type: none">• Helped Carleton students master material in statistics courses• Worked with students on improving important R skills and debugging code	
	Carleton College Math Skills Center , Northfield, MN	<i>September 2017 - November 2018</i>
	Tutor	
	<ul style="list-style-type: none">• Helped Carleton students master calculus and linear algebra material	
	Northfield Information Services , Boston, MA	<i>Summers 2017 and 2018</i>
	Real Estate Risk and Data Science Intern	
	<ul style="list-style-type: none">• 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	<i>Technical:</i> Java, Python (Pandas, Numpy, Scikit-Learn, Statsmodels), R, SQL, Tableau <i>Language:</i> Non-native fluency in Spanish, basic French, basic Portuguese	
INTERESTS	Baseball, chess, data visualization, economics and public policy, reading, skiing	