

Matthew Kaye

Website: mrkaye97.github.io

Email: mrkaye97@gmail.com

Cell: (646) 853-5997

EDUCATION	Carleton College , Northfield, MN	09/16 - 01/20
	<i>Bachelor of Arts, Economics and Mathematics. GPA: 3.60</i>	
	<i>Relevant Economics Coursework:</i> Applied Microeconomics, Labor Economics <i>Relevant Technical Coursework:</i> Algorithms I & II, Artificial Intelligence, Bayesian Statistics, Data Structures, Mathematical Statistics, Real Analysis <i>Relevant 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	09/13 - 06/16
EXPERIENCE	Federal Reserve Bank of St. Louis , St. Louis, MO	06/19 - 08/19
	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 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	03/19 - 06/19
	Econometrics Teaching Assistant for Professor Mark Kanazawa	
	<ul style="list-style-type: none">• Ran two sessions per week to help econometrics students master course material, improve their R and L^AT_EX skills, think through projects, and prepare for exams• Graded homework assignments	
	Carleton College Statistics Lab , Northfield, MN	09/18 - 06/19
	Lab Assistant	
	<ul style="list-style-type: none">• Helped Carleton students master statistics material• Worked with students on improving important R skills and debugging code	
	Carleton College Math Skills Center , Northfield, MN	09/17 - 11/18
	Tutor	
	<ul style="list-style-type: none">• Helped Carleton students master calculus and linear algebra material	
	Northfield Information Services , Boston, MA	06/17 - 08/17 and 06/18 - 08/18
	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	