

Matthew Kaye

Website: mrkaye97.github.io

Email: mkaye@orioles.com

Cell: (646) 853-5997

EDUCATION	Carleton College , Northfield, MN	<i>09/16 - 01/20</i>
	<i>Bachelor of Arts, Economics and Mathematics</i> <i>Academic 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>09/13 - 06/16</i>
EXPERIENCE	Baltimore Orioles , Baltimore, MD	<i>03/20 - Present</i>
	Baseball Operations Fellow	
	Federal Reserve Bank of St. Louis , St. Louis, MO	<i>06/19 - 08/19</i>
	Research Intern, FRED Team	
	<ul style="list-style-type: none">• Prepared new series from the BLS, IMF, and more for upload to FRED, using Pandas for data wrangling and creating thorough metadata• Fit neural network and multinomial naive Bayes models in Scikit-learn to apply correct descriptive tags to FRED series• Worked as a member of an Agile team	
	Carleton College Department of Economics , Northfield, MN	<i>03/19 - 06/19</i>
	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	<i>09/18 - 06/19</i>
	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	
	Northfield Information Services , Boston, MA	<i>06/17 - 08/17 and 06/18 - 08/18</i>
	Real Estate Risk and Data Science Intern	
	<ul style="list-style-type: none">• Built a MySQL database of property types and location coverage for clients• Completed everyday data wrangling, data visualization, and ARIMA modeling tasks for the real estate risk team in R (dplyr, tidyr, data.table, etc.)	
TECHNICAL SKILLS	<i>Proficient:</i> Excel, Java, Python (Numpy, Pandas, Scikit-learn), R (Tidyverse) <i>Some Experience:</i> Keras, SQL, Tableau, TensorFlow	
LANGUAGE	Non-native fluency in Spanish, basic French, Portuguese, and Swedish	
INTERESTS & HOBBIES	Baseball, browsing r/AskReddit, cooking, data visualization, fantasy novels, minimalism, nature and architecture photography, running, skiing, solo travel	