Matthew Kaye
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EDUCATION

Carleton College, Northfield, MN   *September 2016 - Present*

BA, Economics, Mathematics. GPA: 3.63   *Expected Jan 2020*

Relevant Quantitative Coursework: Mathematical Statistics, Bayesian Statistics, Econometrics, Data Structures, Algorithms, Real Analysis

Relevant Coursework in Economics: Intermediate Microeconomics, Intermediate Macroeconomics, Labor Economics, Economics of Sports, Advanced Seminar in Applied Microeconomics, Senior Thesis in Urban Economics

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

EXPERIENCE

Carleton College Statistics Lab   *September 2018 - Present*
Assistant
- Help Carleton students master material in introductory statistics, probability, mathematical statistics, and regression courses
- Help statistics students understand and debug R code

Carleton College Math Skills Center   *September 2017 - Present*
Tutor
- Help Carleton students master material in introductory calculus, linear algebra, mathematical structures, and statistics courses
- Work with Carleton students who need extra attention in one-on-one sessions

Northfield Information Services   *Summers 2017 and 2018*
Real Estate Risk and Research Intern
- Collected and formatted data to create a database of employment, rent, and risk exposures
- Built a database of returns to sectors in Northfield's Everything Everywhere risk model in metropolitan areas
- Built models for use in Northfield's illiquid asset risk models to better understand and predict real estate risk
- Created a database of generic property types for Northfield clients
- Worked on an authentication system for a new web application for Northfield's optimizer using Django

ACTIVITIES

Staff Writer, Politicarl, Carleton College
- Write columns on policy issues for Carleton's political magazine

SKILLS

Technological: Excel, Java, LaTeX, Python, R, SQL
Language: Non-native fluency in Spanish

INTERESTS

Baseball, reading, chess, skiing, economics, politics and public policy