

Michael T. Kovarik

PERSONAL DATA

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EDUCATION

Master of Science, Mathematics (Mathematical Finance)
Rutgers University, New Brunswick, NJ
3.67/4.00 GPA
May 2017

Bachelor of Arts, Mathematics
Rutgers University, New Brunswick, NJ
3.55/4.00 GPA
Minor: Computer Science
May 2016

SKILLS

Programming: Proficient in scientific computing in Python, including numerical computing with NumPy and data analysis with pandas and statsmodels. Some familiarity with C++ and R (mostly via rpy2). Proficient in Excel/VBA. Linux user. Maintain a couple of open source projects (available on GitHub).

Mathematics: Proficient in stochastic calculus, numerical analysis, regression analysis, and time series analysis. Some familiarity with neural nets and other machine learning techniques.

EMPLOYMENT

Tutor, 2013 - 2017
Raritan Valley Community College, Branchburg, NJ
Helped college students succeed in mathematics courses ranging from Basic Mathematics to Differential Equations. Built valuable technical communication skills.

Teaching Assistant, Summer of 2013
Rutgers University, New Brunswick, NJ
Assisted in the 2013 Rutgers Young Scholars Program in Discrete Mathematics, a residential summer program for mathematically talented students.