Michael T. Kovarik

PERSONAL

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Citizenship: United States

EDUCATION

Master of Science, Mathematics (Mathematical Finance), May 2017
Rutgers University, New Brunswick, NJ
GPA: 3.7/4.0
Bachelor of Arts, Mathematics, May 2016
Rutgers University, New Brunswick, NJ
GPA: 3.55/4.00
Minor: Computer Science

SKILLS

Programming: Highly proficient in scientific computing with Python (including NumPy, pandas, and scikit-learn). Working knowledge of R and C++. Linux user.

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

Finance: Understanding of derivatives pricing theory (options, fixed income, credit) and computational finance.

EMPLOYMENT

Adjunct Instructor, Jul 2017 -
Raritan Valley Community College, Branchburg, NJ
Currently teaching a Summer course (Statistics II).

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

Teaching Assistant, Jul 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.