Michael T. Kovarik

PERSONAL

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Citizenship: United States

EDUCATION

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

Bachelor of Arts, Mathematics (Computer Science minor)
Rutgers University, New Brunswick, NJ
GPA: 3.55
May 2016

SKILLS

Programming: Highly proficient in scientific computing with Python (including pandas and NumPy). Working knowledge of R, C++, git, SQL, Linux, and spreadsheet applications.

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

Finance: Highly proficient in 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.