

Stephen Barry

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Highly motivated and reliable individual seeking an opportunity in an industry or organization where I can apply my mathematical, economic, statistical knowledge and my analytical/problem-solving abilities. I have augmented my mathematical studies with my knowledge of self-taught programming languages. Armed with these skills, I aim to contribute to the resolution of the economic, engineering and financial goals of the company.

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

Work Experience

Freelance Tutor

2015 to Present

- Topics include algebra, calculus and linear algebra
- Explained difficult topics in an easy-to-understand manner
- Break down complex problems to individual learning levels
- Assess progress made by giving quizzes and homework

Relevant coursework completed by May 2020:

- Multivariable Calculus, Differential Equations, Linear Algebra, Linear Optimization, Mathematical Reasoning, Mathematical Theory of Probability, Statistics, Combinatorics, Real Analysis, Mathematical Theory of Statistics, Cryptography
- Intermediate Microeconomics/Macroeconomics, Econometrics, Financial Economics, Industrial Organization, Economics of Taxation, Economics of Uncertainty

Active Member

Rutgers University Actuarial Club

2015 to 2020

- Member of Rutgers Undergraduate Mathematics Association (RUMA)
- Inducted Participant of The National Society of Collegiate Scholars, 2015-2020

Counselor, Chaperone

Academic Adventures in America - Summit, NJ

June 2017 to 2018

- Acted as a Counselor for Foreign Exchange Student Program by leading group activities and travel events.
- Interacted with diverse cultures and backgrounds.

Education

Bachelor of Science in Mathematics and Economics

Rutgers School of Arts and Sciences

May 2021

Skills

- Strong Statistical knowledge
- Mathematical Reasoning
- The ability to choose the right mathematical methods or formulas to solve a problem.
- Active Learning
- Understand the implications of new information for current and future problem solving and decision making. ADDITIONAL:
- Participant in intermural basketball since 2016.
- Exercises 5 days a week.
- Enjoy volunteering at RAINE in Hazlet, New Jersey
- Competitively playing Ping-Pong
- Statistics
- Python
- Calculus
- Algebra
- Tutoring
- Teaching
- Geometry
- MySQL
- Public Speaking