PHILIP RUBIN-STREIT

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Full Stack Data Scientist

Advanced data science expert with a passion for analysis to make a positive impact on people, processes, and profits. Dedicated to providing collaborative leadership, unrelenting curiosity, and data-informed strategies necessary to create the conditions for success.

EDUCATION

PhD, Applied Economics – Northeastern University – Boston, MA   2023

MS, Applied Economics – Northeastern University – Boston, MA   2021

MS, Mathematical Finance – Boston University Graduate School of Management – Boston, MA   2012

BS, Applied Mathematics – University of Florida – Gainesville, FL   2006

SELECT PROFESSIONAL EXPERIENCE

Assistant Professor and Chair, Mathematics – Mount Ida College   2012 – 2018

Taught a variety of applied mathematics courses in business including Investments, Business Statistics, Business Calculus, and Introductory Finance.

- Transformed business mathematics curriculum to enable on-line management and access using customizable and adaptive MyMathLab and ALEKS Platforms
- Recognized with performance reviews in highest decile of all faculty and facilitated students to a median growth of 75%+ greater than next most-effective teacher in mathematics

Co-Founder and Chief Data Officer – Success Schools   2010 – 2011

Co-founded startup that contracted with public and private school systems to provide turnkey operations for challenging student populations. Oversaw all finance and information technology. Developed and managed startup's IT infrastructure and financial operations, including accounting and regulatory compliance mechanisms

- Performed a comprehensive evaluation of company's compensation package to reduce costs 20% without compromising employee satisfaction or company's ability to secure talent
- Identified an opportunity to target a new market segment, resulting in company increasing YoY revenue 150%

Vice President of Analytics – eLayaway   2006 – 2009

Established advanced analytics function for online payments startup company, including building eLayway's analytical engine. Analyzed future revenue and cost streams. Leveraged insights to develop finance optimization strategies.

- Data-mined startup's customer base and performed advanced analysis to strengthen the effectiveness and ROI of marketing initiatives by identifying key customer segments
- Increased angel investment capital 7% in 1 year by augmenting investor presentations to include live website analytics

PROFESSIONAL PROFILE

Remain Agile – Maintain flexibility to explore ideas, adopt emerging solutions, and overcome perceived limitations
Propel Innovation – Leverage analysis to help organizations move beyond what is present, obvious, and known
Forge Relationships – Cultivate collaborative team environments to achieve goals and expedite solution discovery

SELECT GRADUATE COURSE WORK

Computational Statistics in R; Advanced Econometrics; Health Economics; Stochastic Methods of Mathematical Finance; Optimization Methods of Mathematical Finance

SELECT TECHNICAL SKILLS

Python (Pandas, SciKit Learn, Selenium, Seaborn); R (Tidyverse, Shiny, Stargazer); mySQL; Stata; C; C++; Microsoft Office (Excel); MATLAB; SPSS; Mathematica