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BENJAMIN ZWEIG

EDUCATION

The Graduate Center of the City University of New York　　　　New York, N.Y.
PhD, Economics　　　　*2010-2015*
Dissertation Title: Essays on the Economics and Methodology of Social Mobility

Queens College of the City University of New York　　　　Flushing, N.Y.
MS, Risk Management　　　　*2009-2010*

Queens College of the City University of New York　　　　Flushing, N.Y.
BA, Economics & Accounting　　　　*2006-2009*

TECHNICAL SKILLS

- Python, PyTorch, R, Stata, Unix, SQL, VBA, and Bloomberg Terminal

EXPERIENCE

NYU Stern School of Business, New York, NY　　　　Aug 2017-Present
Adjunct Professor

- Data Bootcamp in Python, NYU Stern School of Business MBA program

IBM, Chief Analytics Office, Armonk, NY　　　　Feb 2015-May 2018
Managing Data Scientist　　　　March 2016-May 2018
Senior Data Scientist　　　　February 2015-March 2016

- Build machine learning models and econometric models using Python to improve business performance across multiple IBM business units
- Lead projects and manage relationships with stakeholders across IBM's Business Units and Watson Research to drive enterprise transformation
- Analyze diverse sets of structured and unstructured data, staying current on the latest research in natural language processing and machine learning
- Lead a team of data scientists with the goal of fostering collaboration and improving the methodological quality of all Chief Analytics Office projects

Twin Lakes Global Emerging Markets Strategy Fund, New York, NY　　　　2012-2015
Data Scientist

- Built predictive models, simulations, and visualizations in R and Stata to manage a portfolio of High Yield Sovereign Debt
- Developed statistical arbitrage models to make recommendations to the managing partners
- Collaborated with sell-side analysts to solve problems related to model building, forecasting, and attribution

Columbia University, Yeshiva University, & CUNY, New York, NY　　　　2010-2016
Adjunct Lecturer

- Independently taught 29 classes, graduate and undergraduate, including 12 distinct courses:
- Applied Data Analysis for Business | Global Financial Management | Introduction to Macroeconomics | Introduction to Microeconomics | Intermediate Macroeconomics | Intermediate Microeconomics | Econometrics | International Economics | Labor Economics | Statistics | Economic Development | Money and Banking

Selected Research

- *Forecasting Labor Demand by Skill in a Services Business.* IBM White Paper, 2017
- *Heterogeneities in Intergenerational Mobility across Subgroups: A Nonparametric Analysis.* Published Dissertation, CUNY Graduate Center, 2015
- *The Dangers of Discretization: Biases in the Comparison of Intergenerational Mobility across Subgroups.* Published Dissertation, CUNY Graduate Center, 2015
- *Global Term Structures and their Implications for Growth in the Context of Default Premia.* Working Paper, CUNY Graduate Center, 2014