BENJAMIN LEINWAND

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EDUCATION

Ph.D. in Statistics University of North Carolina at Chapel Hill   Expected May 2022
- Thesis: Novel statistical methods for modeling brain and other dense, weighted networks
- Relevant Coursework: Advanced Statistical Machine Learning, Theoretical Statistics
- Service and Mentorship Award

Master's (MPS) in Applied Statistics Cornell University   August 2013
- Best Thesis Project in Master's Program for analyzing e-learning task performance

Bachelor of Arts in Economics & Statistical Science Cornell University   January 2013

WORK EXPERIENCE

Oliver Wyman, New York NY and several other locations   October 2013 - June 2016
Senior Consultant

Worked on 11 projects in a wide variety of industries and capacities, with a consistent emphasis on advanced quantitative analysis and clear communication of complex concepts

Selected Project Experience

Canada Mortgage and Housing Corporation – Securitization economic capital model
- Built Monte Carlo model in MATLAB projecting losses in various macroeconomic scenarios
- Included several potential exposure types, enabling a unified organizational view of risk

PNC – Stress testing loss forecasting model for home equity portfolio
- Designed hazard models of default risk in SAS
- Integrated prepayment, default, exposure at default and loss given default models

Spirit AeroSystems – Pricing strategy
- Optimized part pricing using maximum-likelihood estimation to calculate price elasticities
- Tailored pricing strategy to account for competitor prices and market volume

Webster Bank – Performance management
- Implemented a new incentive system that aligns bonuses with value produced for the bank
- Piloted regions saw 24% increase in sales/FTE on a YOY basis compared to 4% elsewhere

First Manhattan Consulting Group New York, NY   June - August 2012
Summer Analyst
- Wrote C# program to parse mailing addresses, reducing process time by 80%
- Measured effectiveness of ad campaigns by comparing experimental and control groups

The Nielsen Company – The Modeling Group Wilton, CT   June - August 2011
Intern
- Conducted pilot project incorporating internet buzz into Marketing Mix Models

SKILLS

R, MATLAB, Python, LaTeX, SQL, SAS, Excel, VBA