Daniel Goldin

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PROFESSIONAL EXPERIENCE

Yodle — New York, NY
Quantitative Engineer — February 2009 to Present
- Utilized machine learning techniques to automatically classify phone calls
- Researched and developed models that simulated the SEM space
- Identified metrics to help identify business problems
- Helped bring quantitative methods to marketing and service teams

Och Ziff Capital Management — New York, NY
Quantitative Analyst — April 2007 to January 2009
- Designed and developed a Perl trading simulation framework
- Developed a system to identify possible portfolio hedges
- Explained fund performance using a factor model
- Carried out Principal Component Analyses to explain market behavior
- Created a data anomaly detection system

ZS Associates — New York, NY
Associate — July 2005 to April 2007
- Created model to determine optimal sales force size (Excel and VBA)
- Analyzed the promotion system of a large pharmaceutical company (Excel and VBA)
- Focused and refined client targeting practices (SAS and Excel)
- Managed the transition of an incentive compensation system to a team in India

Cornell University — Ithaca, NY
Academic Technology Center Consultant — June 2004 to May 2005
- Helped professors incorporate technology into their courses

Prebon Yamane — Jersey City, NJ
Junior Programmer — Summer 2001, 2002
- Automated software testing process and learned the basics of trading

EDUCATION

Cornell University — Ithaca, NY
College of Arts and Sciences — August 2002 to May 2005
- Majors: Economics and Mathematics; Minor: Computer Science
- Cumulative GPA: 3.57; Economics GPA: 3.86; Mathematics GPA: 3.62
- SAT: 1500 (800 Math; 700 Verbal)
- Activities and Awards
  - First place winner of the Cornell Freshmen Mathematics Prize Exam
  - Editor of the Visible Hand Cornells undergraduate economics journal
  - Member of the Cornell Investment Club and the Cornell Economic Society

ADDITIONAL

Skills, Interests, and Projects
- Technical proficiencies: Microsoft Office and VBA, Perl, PHP, MySQL, Bloomberg, R, Python, Java
- Languages: Russian (fluent)
- Interests: Running, game theory, reading, traveling, genetic programming, agent-based simulations
- Projects:
  - Quantitative finance toolkit (Python)
  - Persistent genetic programming framework (Python)
  - New York City event aggregator (PHP, Perl)