

# 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 (Python)
  - Researched and developed models that simulated the SEM space (Excel, R, Java)
  - Codeveloped framework to help backtest our models (Java)
  - Introduced metrics to help measure business performance
  - 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, including a PCA factor
  - 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, SVN, CVS, Git
- 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)