

ZACHARY GOLDBERG

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EDUCATION

- University of Pennsylvania Class of 2010 (GPA: 3.6/4.0, In Major GPA: 3.9/4.0)
 - Magna Cum Laude, Bachelors of Science and Engineering
 - Major in Computer Science and Engineering, Minor in Entrepreneurship
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EMPLOYMENT

- **Associate Product Manager, Google Inc.** January 2011 to present
 - Managed three products in advertising. This included helping manage and design the rebuild of the acquired Invite Media system, developing key new integrations for the AdWords system as well as working on products managing advertising data.
 - Responsible for organizing and collaborating with engineering, legal, sales, marketing, PR as well as designing products to execute and launch.
 - **Lead SRE / Product Specialist, Google Inc** July 2010 to January 2011
 - Drove increase in scale and stability of core products by directing engineering efforts to resolve key business-facing pain points.
 - Developed key integrations with vendors and partners, allowing the system to grow revenue by 2x during my time.
 - **Software Consultant & Platform Engineer at Invite Media Inc.** Spring 08 to July 2010
 - Developed software in python for Bid Manager product for managing online advertising.
 - Administered and monitors systems for a cluster of hundreds machines.
 - **Teaching Assistant (TA) CIS 380** Fall 2009
 - Held weekly office hours as well as graded assignments and exams.
 - **Instructor/Lecturer for CIS 399 – Special Topics in Linux** Fall/Spring 2008
 - Developed the curriculum, lectures, assignments, tests and lectured for a ½ credit course in the CIS department at the University of Pennsylvania.
 - **Program Manager Intern at Microsoft Corporation** Summer 2008
 - Interned at Microsoft's New York Hauppauge office on the Forefront Server Security product. Responsible for specifying numerous product features and working with project leads on a daily basis to co-ordinate efforts.
 - **Teaching Assistant (TA) CIS 121 "Data Structures and Algorithms in Java"** Spring 2008
 - Developed a large final project based on the Android mobile platform for a mobile messenger application in which the students were required to implement core pieces of functionality. Taught 2 weekly recitations and created several assignments.
 - **Captain of Penn Electric Race Team** 2007-2009
 - Team goal is to build a purely electric vehicle from scratch which is capable of both competing with gas powered vehicles in a drag race and a range of 100s highway miles.
 - Managed and Organized completion of car and recruiting of new team members. Involved in design and implementation of many key electrical/computer components.
 - **Undergraduate Computer Science Grading (Unix) System Administrator** Fall 2007
 - Maintained a MySQL Database, PHP based Web Interface, HTML website and command line O'Caml scripts. Fixed bugs and implemented features as necessary for undergraduate computer science classes.
 - **Teaching Assistant (TA) CIS 120 "Advanced Java/Programming Techniques"** Fall 2007
 - Developed programming assignments for students. Included coding supplied files and solutions and writing homework instructions. I was also responsible for teaching a 1 hour lab each week and holding weekly office hours.
 - **Residential/Teaching Adviser for Penn SAASST Engineering Summer Program** Summer 2007
 - Responsibilities included residential duties for 10 students, teaching 2 hours of class and holding nightly office hours. The curriculum covered introductory Java.
 - **Computer Programmer/Architect at Eduware Corporation** Summer 2007
 - Developed the interface for an online classroom called the *EduDesk* in C#/ASP.NET.
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SKILLS

- Programming Languages: Java/C#, Perl, C, PHP, HTML/CSS, Bash, Python, Javascript, a little bit of Haskell
- Unix / (GNU) Linux (Gentoo, Ubuntu, Fedora), EC2, S3, Django Framework, SQL