

Education	<i>Princeton University</i> , Princeton, NJ ▪ A.B. in Computer Science, <i>summa cum laude</i> ▪ Departmental GPA: 3.91 / Overall GPA: 3.72	June 2009
Honors	▪ <i>Phillip Y. Goldman '86 Senior Prize in Computer Science</i> , awarded on graduation for exceptional performance in departmental courses and independent work. ▪ <i>Outstanding Computer Science Senior Thesis Prize</i> , awarded for work creating an IP anycast-based DNS hosting system called Namecast and related research. ▪ <i>Accenture Prize in Computer Science</i> , awarded in recognition of exceptional academic performance during the first three years at Princeton. ▪ Associate membership in <i>Sigma Xi</i> , the scientific research society.	
Experience	Google Inc., Mountain View, CA <i>Platforms Software Engineering Intern</i> ▪ Updated and modified gPXE open-source network booting software, adding new features and driver support, for deployment on Google systems. ▪ Wrote register encodings and new language constructs for the PrettyPrint open-source hardware register and field management tool.	Summer 2008
	Sandia National Laboratories, Livermore, CA <i>Center for Cyber Defenders, Summer Intern</i> ▪ Performed “red team” security analysis of collaboration devices, locating vulnerabilities that would allow attackers to maliciously gain administrative control of these devices and devising appropriate defenses. ▪ Designed and created software to generate animated geotemporal visualizations of network logs using Google Earth.	Summer 2007
	Princeton University, Princeton, NJ <i>Office of Information Technology, Help Desk Consultant</i> ▪ Assisted members of the Princeton community by phone with technical issues related to use of computers and computing resources on the Princeton network. ▪ Developed training module for current Help Desk employees on new features and anticipated support issues with Microsoft Windows Vista.	2006-2008
	Ascentive LLC, Philadelphia, PA <i>Co-founder, Developer, Consultant</i> ▪ Co-founded Internet software company offering software and services to improve computer speed and security. ▪ Designed and created Ascentive’s first two software products, webROCKET (Internet accelerator) and winROCKET (computer accelerator). ▪ Consult with company on product development and marketing in an advisory role, providing feedback on software user interfaces and direct marketing videos.	1999-Present
Skills	Languages: C, Java, Python, x86 Assembly, Bash, AWK, SQL Environments: Unix/Linux, Windows, Mac OS X	
Activities	▪ <i>Percussionist, Webmaster</i> , Princeton University Orchestra ▪ <i>Butler Peer Tutor</i> , Butler College, Princeton University	2005-2009 2006-2009