

EDUCATION

2005 **Carnegie Mellon University** *Pittsburgh, PA.*
Bachelor of Science in Computer Science
 with minors in *Robotics* and *Engineering Studies*
 QPA 3.51/4.00, Dean's List Fall 2003 and Spring 2004

EXPERIENCE

2005–present **Staff Software Engineer (Site Reliability)** *Google, Inc.*
 As a Site Reliability Engineer, I build and maintain reliable infrastructure. The required skills include a combination of those of a software engineer, architect, system administrator, consultant, bartender and magician. Prominent teams that I've worked on include Traffic Team, Google Wave, Google Accounts and Gmail. My particular expertise centers around frontend networking and traffic management. I am a Python "Readability Reviewer", considered a domain expert in Python and an arbiter of Python programming style.

Spring 2005 **Teaching Assistant** *Carnegie Mellon School of Computer Science*
 I graded assignments and held office hours for 15-441 (*Computer Networks*), a senior-level project course.

Summer 2004 **Research Programmer** *Carnegie Mellon School of Computer Science*
 I worked on the End System Multicast project, mostly scripting cross-platform Perl (for Windows, MacOS, and Linux) and experimenting with PlanetLab.

2003–2004 **Student Programmer** *Carnegie Mellon School of Computer Science*
 Web applications programming, mostly with Perl and PostgreSQL on Linux.

Spring 2003 **Course Assistant** *Carnegie Mellon School of Computer Science*
 I graded assignments, held lab hours, and lectured occasionally for 15-133 (*System Skills in C*), an introductory programming course.

2001–2004 **Student Programmer** *Carnegie Mellon Computing Services*
 I wrote web applications, mostly in Perl and MySQL, and administered some Linux and Solaris servers for the Network Development group.

1999–2001 **"Computer Guy"** *Government Scientific Source, Inc.*
 I had a high school job making web pages and administering servers. I thought that this was really cool! I made an e-commerce site!

1998–2001 **Network Administrator** *Langley High School*
 I was a sysadmin for my high school. I also thought that this made me really cool.

SKILLS

Recent Python, C++, Linux, IP networking, Non-Abstract Large-Scale Distributed Systems, and many proprietary Google technologies

Retired AFS, Buzzwords, C, Alphabetization, Cisco IOS, DNS, FreeBSD, HTTP, Java, Javascript, Kerberos, L^AT_EX, LDAP, PHP, Perl, SMTP, SSL/TLS, SQL, Solaris, Standard ML