

Education	University of California Berkeley	2011 - 2015 (expected)
	B.S. Electrical Engineering and Computer Science (EECS)	
	The Harker School	2007 - 2011
	Student, speaker, speechwriter, musician, engineer, troublemaker.	
Experience	Software Engineering Pintern at Pinterest	May 2013 - August 2013
	Worked on the Black Ops team, where I helped fight spam, porn, and security issues with machine learning. I built a service from scratch to classify millions of webpages as malicious or non-malicious. Worked with Vowpal Wabbit, Thrift, and a mostly Python-based stack. I also made some cool side projects that you should ask me about!	
	CS 61A Lab Assistant	January 2013 - May 2013
	I helped teach new computer science students.	
	Software Engineering Intern at RewardMe	May 2012 - July 2012
	Designed and programmed an A/B testing framework for customer marketing campaigns and internal testing. Implemented a bulk-emailing service and payments/invoicing service to automate a lot of work that was previously done manually. Worked on the full stack from backend (JBoss, Memcache, Stripe, SES, and MySQL) to frontend (HTML5, CSS3, Javascript, JQuery).	
	Research Intern at Carnegie Mellon University	June 2011 - August 2011
	Developed considerate systems and artificial intelligence for a PhD. project exploring how manipulation of speech can enhance the understandability of multi-party conversations. Extensively used C++, CLAM, git, and Unix while dabbling in Ruby on Rails and Android development. Also learned methods for signal analysis and signal manipulation.	
	Executive President of Harker Robotics Team 1072	August 2007 - May 2011
	Competed in high school engineering competition involving student-built 120 lb robot. Led overall design, collaborated with local mentors and machinists, managed logistics, recruiting, and retention for 100-person team, placed as quarterfinalists in UC Davis regional for the first time in three years. Expanded team from 40 active members to 100+ active members, started a community outreach and volunteering program.	
	Bioinformatics Intern at Hunter Laboratories	June 2010 - August 2010
	Used statistical and probabilistic analysis to analyse the accuracy of a novel RNA based test in predicting the onset of carcinogenic HPV infections.	
Projects	Visit www.gaoism.com/projects.html or github.com/pgao	
Extracurriculars	Hackers@Berkeley Officer	Oct 2011 - present
	I go to hackathons, eat free food, and teach practical software/hardware technologies to people interested in learning vital stuff that school doesn't cover.	
	Eta Kappa Nu	January 2012 - present
	Member of EECS honour society. Students invited to join must be in the top 25% of all EECS students with junior standing. I was part of the Tutoring committee for a bit.	
Skills	Python, Java, C++, Mathematica, Autodesk Inventor, HTML5/CSS3/Javascript, JQuery, SQL git, JBoss, Arduino, node.js, L ^A T _E X, Mandarin, Spanish Manual and CNC machining, electrical engineering, robot design Picking up new languages, frameworks, and skills on the go	
Awards	The Leadership Award, UC Berkeley National Engineering Design Challenge Semifinalist BAE Industrial Design Award, CalGames 2011, FIRST Robotics	