

EXPERIENCE	Google San Bruno, CA Developed and maintained testing and metrics infrastructure for YouTube and internal engineering education initiatives.	Software Engineer October 2018 - January 2022
	University of Texas - Rio Grande Valley Edinburg, TX Developed new algorithms for problems in computational geometry and molecular computing. Taught courses in programming, algorithms, and mathematics.	Assistant Professor September 2016 - September 2018
	Université Libre de Bruxelles Brussels, Belgium Developed new algorithms for problems in computational geometry and molecular computing.	Postdoctoral Researcher September 2014 - August 2016
	Apple Cupertino, CA Developed software for color calibration of peripheral devices.	Software Engineer Intern May 2013 - August 2013
	Tufts University Medford, MA Developed new algorithms for problems in computational geometry and molecular computing. Taught courses in discrete mathematics, algorithms, and data structures.	Graduate Assistant and Postdoctoral Associate September 2009 - August 2014
	Arizona State University Tempe, AZ Designed and developed software for geospatial analysis of road networks.	Research Analyst December 2008 - August 2009
EDUCATION	Boeing Mesa, AZ Developed testing software for the Apache Longbow military helicopter.	Software Engineer January 2008 - December 2008
	Tufts University M.S., Ph.D. in Computer Science.	Fall 2009 - Spring 2014
	University of Arizona B.S. in Computer Science and Mathematics.	Fall 2003 - Fall 2007
SKILLS	Programming Languages Proficient: C, C++, Python, SQL. Familiar: Java, Objective-C, Go, Bash, L ^A T _E X.	
	Teaching Taught 10 courses across 2 institutions, including three award-winning course redesigns.	
	Technical Writing Co-author of over 40 research publications in computer science and mathematics.	
AWARDS	UTRGV Outstanding Computer Science Faculty Award	2017-2018
	CIAA 2016: Sheng Yu (Best Paper) Award	Summer 2016
	DNA 17: Best Student Paper Award	Fall 2011
	Tufts University: Outstanding Graduate Research Award	Spring 2011
	NSF Graduate Research Fellowship: Honorable Mention	Spring 2011
	Tufts University: Dean's Fellowship	Fall 2009
	University of Arizona Dept. of Comp. Sci.: Outstanding Senior Award	Fall 2007
	University of Arizona Dept. of Math.: Outstanding Senior Award	Fall 2007