

EDUCATION	Rochester Institute of Technology — Rochester, NY B.S./M.S. Computer Science Minors Mathematics, American Sign Language GPA 3.79, PFOS 3.88	September 2010 - May 2015
AREAS OF INTEREST	Cryptography, Systems Programming, Security, Operating Systems	
SKILLS	Programming Languages Proficient: C/C++, Python, Java, C# Some Experience: HTML, CSS, JavaScript, SQL, x86/MIPS Assembly, Scheme, Prolog Tools/Software Microsoft Windows, Linux, Vim, Git, Perforce, Eclipse, TeX Languages American Sign Language, Basic Spanish	
EXPERIENCE	Rochester Institute of Technology — Rochester, New York <i>Student Lab Instructor</i> <ul style="list-style-type: none"> Assisted in teaching Computer Science core classes Offered tutoring hours in Computer Science tutoring center 	2011 - Present
	Google Inc. — Mountain View, California <i>Software Engineering Intern</i> <ul style="list-style-type: none"> Developed methods of improving Ads backend reliability Designed and implemented bulk file backup service Engineered Ads backend to be resistant against data center outages 	Summer 2013
	Google Inc. — Mountain View, California <i>Computer Science Summer Institute Residential Advisor</i> <ul style="list-style-type: none"> Assisted in social and professional development of 30 rising college freshmen Hosted technical office hours and workshops to supplement computer science curriculum 	Summer 2013
	Wegmans Markets Inc. — Rochester, New York <i>Web Programmer Intern</i> <ul style="list-style-type: none"> Improved and simplified Wegmans job applicant management for Human Resources Developed internal web applications using ASP.NET framework 	Winter 2012 - Spring 2013
	Google Inc. — Mountain View, California <i>Engineering Practicum Intern</i> <ul style="list-style-type: none"> Implemented clustering algorithm to run on social networking corpus Designed and created tools for analyzing clustering algorithm Analyzed and tuned performance characteristics of clustering algorithm 	Summer 2012
PROJECTS	Cryptography Function Library <i>Wrote a utility library that implements various functions and algorithms for use in cryptography covering topics of field arithmetic, modular arithmetic, and discrete logarithm algorithms</i>	Spring 2013
	Cryptography Algorithm Research <i>Implemented a block cipher encryption algorithm in Python and analyzed randomness, performance, and security characteristics of algorithm</i>	Fall 2012
	Virtual File System <i>Designed and implemented a virtual FAT16 file system to interface with machine's actual file system</i>	Spring 2012
ACTIVITIES	Computer Science Community Security Practices and Research Student Association	2011 - Present 2011 - Present
HONORS	Dean's List Project Lead The Way Scholarship Recipient	2010 - Present 2010