

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