

EDUCATION	Rochester Institute of Technology — Rochester, NY B.S./M.S. Computer Science Minors Mathematics, American Sign Language GPA 3.81, PFOS 3.89	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 classesOffered tutoring hours in Computer Science tutoring center Google Inc. — Mountain View, California <i>Software Engineering Intern</i> <ul style="list-style-type: none">Developed methods of improving Ads backend reliabilityDesigned and implemented bulk file backup serviceEngineered Ads backend to be resistant against data center outages 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 freshmenHosted technical office hours and workshops to supplement computer science curriculum 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 ResourcesDeveloped internal web applications using ASP.NET framework Google Inc. — Mountain View, California <i>Engineering Practicum Intern</i> <ul style="list-style-type: none">Implemented clustering algorithm to run on social networking corpusDesigned and created tools for analyzing clustering algorithmAnalyzed and tuned performance characteristics of clustering algorithm	2011 - Present Summer 2013 Summer 2013 Winter 2012 - Spring 2013 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> Cryptography Algorithm Research <i>Implemented a block cipher encryption algorithm in Python and analyzed randomness, performance, and security characteristics of algorithm</i> Virtual File System <i>Designed and implemented a virtual FAT16 file system to interface with machine's actual file system</i>	Spring 2013 Fall 2012 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