

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 – December 2014
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, \LaTeX	
EXPERIENCE	Google Inc. — Mountain View, California <i>Software Engineering Intern</i> <ul style="list-style-type: none">Designed and implemented infrastructure for executing table-valued functions within Fl.Implemented several table-valued functions varying in complexity as proof of concept. Rochester Institute of Technology — Rochester, New York <i>Teaching Assistant</i> <ul style="list-style-type: none">Led group recitations for introductory Computer Science coursesOffered extended tutoring hours in Computer Science tutoring center 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	Summer 2014 2014 – Present 2011 – 2013 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>	Spring 2013 Fall 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