

EDUCATION	Rochester Institute of Technology — Rochester, NY B.S./M.S. Computer Science Minors Mathematics, American Sign Language GPA 3.78, PFOS 3.87	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, \LaTeX Languages American Sign Language, Basic Spanish	
EXPERIENCE	Wegmans Markets Inc. — Rochester, New York <i>Web Programmer Intern</i> <ul style="list-style-type: none">Developed 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 corpus.Designed and created tools for analyzing clustering algorithm.Analyzed and tuned performance characteristics of clustering algorithm. 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.	Winter 2012 - Spring 2013 2011 - Present
PROJECTS	Cryptography Function Library <i>Wrote a utility library that implements various functions and algorithms for use in cryptography. These functions include, but are not limited to, field arithmetic, modular arithmetic, and discrete logarithm algorithms.</i> Cryptography Algorithm Research <i>Implemented a block cipher encryption algorithm in Python. Performed statistical analysis on algorithm to determine randomness and performance characteristics. Researched security aspects 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