Liam Morris

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OBJECTIVE

To obtain employment as an intern within the field of computer science during winter and/or spring months.

EDUCATION

Rochester Institute of Technology — Rochester, NY   September 2010 - May 2014
B.S./M.S. Computer Science
Minors Mathematics, American Sign Language
GPA 3.78, **PFOS** 3.87

AREAS OF INTEREST

Systems Programming, Security, Algorithms, Operating Systems

SKILLS

Programming Languages
Proficient: Python, C/C++, Java, C#
Some Experience: HTML, CSS, JavaScript, x86/MIPS Assembly, Scheme, Prolog

Tools/Software
Microsoft Windows, Various Linux Distributions (Fedora, Ubuntu), Vim, Git, Perforce, Eclipse, NetBeans, LaTeX

Languages
American Sign Language, Basic Spanish

EXPERIENCE

Wegmans Markets Inc. — Rochester, New York   Winter 2012 - Spring 2013
Web Progammer Intern
○ Developed internal web applications using ASP.NET framework.

Google Inc. — Mountain View, California   Summer 2012
Engineering Practicum Intern
○ 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   2011 - Present
Student Lab Instructor
○ Assisted in teaching Computer Science core classes.
○ Offered tutoring hours in Computer Science tutoring center.

PROJECTS

Terminal Interrupt Vector   Fall 2012
Wrote an interrupt vector for a terminal to allow for writing to and reading from a terminal's serial port.

Cryptograph Algorithm Research   Fall 2012
Implemented a block cipher encryption algorithm in Python. Performed statistical analysis on algorithm to determine randomness and performance characteristics. Researched security aspects of algorithm.

Virtual File System   Spring 2012
Designed and implemented a virtual FAT16 file system to interface with machine's actual file system.

ACTIVITIES

Computer Science Community   2011 - Present
Security Practices and Research Student Association   2011 - Present
No Voice Zone   2010

HONORS

Dean's List   2010 - Present
Project Lead The Way Scholarship Recipient   2010