

Cory Hardman

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OBJECTIVE

To obtain an internship and to expand my knowledge in the field of computer science and mathematics. Particularly in the areas of information security, algorithm performance, and information analysis.

EDUCATION

Kansas State University, Manhattan, KS
Bachelor of Science
Majors: Computer Science and Mathematics

May 2012
GPA: 3.70

RELEVANT EXPERIENCE

Special Projects Engineer

Surface Systems & Instruments, Manhattan, KS

Aug 2008 – Present

- Lead developer for new analysis product
- Lead developer for new integrated laser product line
- Developed for embedded systems
- Secured products from competitor reverse engineering with cryptography
- Worked with Filtering and signal processing

Internship

ConocoPhillips, Bartlesville, OK

May 2009 – Aug 2009

- Performed UNIX and PCN System Security Audits
- Created tools to automate security audits
- Worked in teams made up of Business/Finance Auditors, and Computer Scientists

Internship

Union Pacific, Omaha, NE

May 2008 – Aug 2008

- Created network outage impact analysis tools
- Developed tools to display usage metrics
- Designed proactive techniques to spot network over usage
- Studied data integration techniques

Researcher

Mulval Research Group, Manhattan, KS

Aug 2007 – May 2008

- Specialized in modern network security techniques
- Analyzed large firewall policies
- Worked with vulnerability measuring concepts

SKILLS

- Proficient in: C/C++, Python, Java, C#, Ruby, Bash, VBA, and VBScript
- Understanding of modern cryptography in practice and theory
- Experience with Open Source developing techniques and tools such as: SVN/CSV, Emacs, Eclipse, and other GNU development tools and compilers.
- Virtualized test environment development and administration using VMWare and VirtualBox
- Database experience: Oracle, SQLite, and MySQL
- Experience with Linux, Mac OSX, BSD, and Windows platforms

AWARDS & ACTIVITIES

- ConocoPhillips Spirit Scholar *Aug 2009 - Present*
- Kansas State University Math Club President *Aug 2008 - Present*
- Kansas State University ACM Chapter President *Aug 2010 - Present*
- Kansas State University ACM Chapter Vice President *Aug 2009 - May 2010*
- Kansas State University ACM Chapter Treasurer *Aug 2008 - May 2009*