Adam Ringwood

Computer Science | Computer Security
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EXPERIENCE

WDIA RESEARCH GROUP | Machine Learning Researcher
July 2013 - Present
- Implementing and creating algorithms for record matching for large data record sets. Focus on rule- based, phonetic and machine learning processes.

DISCOVER FINANCIAL SERVICES | Ethical Hacker
May 2014 – August 2014
- Designing and implementing cutting edge attacks on company systems.
- Coordinating and communicating between separate teams to get problems fixed.
- Created custom security tools to solve unique problems.

STERICYCLE | Account Development Specialist
May 2013 – August 2013
- Launched 80 new accounts in ten weeks.
- Automated a two to three hour per account task using a Python script. Automation reduced run time to ten minutes per account. Efficiency recognized by senior leadership.

STERICYCLE | Customer Service Agent
January 2012 – August 2012
- Answered customer phone calls for over 300 clients.
- Received and kept quality assurance scores above 90

EXPERIENCES

ISUSEC - COLLEGIATE SECURITY CLUB | President
August 2013 – Present
Leading a team in competing in security competitions, organizing attendance to industry events, teaching weekly meetings, and running 100 student high school competition,

UAV RESEARCH GROUP | Head Researcher
April 2014 - Present
Working with Fortune 500 companies and state governement agencies about the usage of UAV's. Building solutions to business problems using academic research.

BUSINESS & INDUSTRY ADVISORY COUNCIL | Member
April 2014 - Present
Responsible for advising the school of information technology about business needs and upcoming technology. Pushed for the adoption of git in computer science classes.

SPEAKING

Fall 2014	Derbycon	Presenting distributed password cracking software
Spring 2014	Thotcon	Presenting open source email phishing tool

EDUCATION

ILLINOIS STATE UNIVERSITY

Computer Science
Expected Spring 2016 | Normal, IL
Cum. GPA: 3.79 / 4.0

AWARDS
Dean's List
Outstanding Sophomore
Janet Cook Scholarship

LINKS

Github:// **UnrealAkama**
LinkedIn:// **adamringwood**

COURSEWORK

UNDERGRADUATE
Algorithms and Data Structures
Advanced Application Development
Artificial Intelligence
Theory of Computation
Independent Study - Machine Learning
Natural Language Processing

SKILLS

PROGRAMMING
5000+ Lines:
Java • Go • JavaScript
C++ • Python • C

1000+ Lines:
Ruby • Haskell • Shell

CONTESTS & CTFs

Spring 2015	Thotcon 0x6	1st
Spring 2014	BSides Chicago	2nd
Spring 2013	BSides Chicago	1st