

ISPM Resume

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EDUCATION

Carnegie Mellon University, Heinz College, Pittsburgh, PA
May 2020 Master of Science, Information Security Policy and Management

Boston University, Boston, MA

May

2012

Bachelor of Arts, English

SKILLS & COURSEWORK

Tools: Burp Suite, Ansible, Puppet, Linux, Nmap, Nessus, Metasploit, PuTTY, Wireshark, GPG Encryption, SAS EM, Minitab

Programming Languages: Python, Bash Scripting, YAML, CSS, HTML

Databases: MySQL, Oracle

Language: Chinese Professional Proficiency: HSK Advanced Level 5/6

Coursework:

- Security/Technology: Cryptography, Data Mining with SAS, Management Science, Statistics, Network & Internet Security, Network Forensics, Ethical Penetration Testing, Applied Information Assurance
- Management/Policy: Organizational Design, Economic Analysis, Privacy in the Digital Age, Cybersecurity Policy

ACADEMIC PROJECTS

Enron Corpus Search Engine | Python for Developers

Fall 2018

- Utilized agile Scrum methodology to design and develop a search engine that parsed and printed the Enron corpus
- Analyzed the corpus with Natural Language Processing to report on themes and trends in the email collection

The Industrial Revolution 4.0 | Introduction to Information Security

Fall 2018

- Investigated potential security vulnerabilities in emerging IoT manufacturing WSN and RFID tags
- Reported on IoT technical threats, business risks, and mitigation measures that would ensure successful deployment

Big Data: Payment Default Patterns | Business Intelligence and Data Mining with SAS

Fall 2018

- Examined open-source Taiwanese credit card information to create supervised prediction models
- Demonstrated how unsupervised clustering techniques could forecast the likelihood of payment default

RELEVANT EXPERIENCE

Salesforce, San Francisco, CA

June 2019 – August

2019

Enterprise Security Engineer, Intern

- Developed and programmed an endpoint security assurance model that aggregated and reported security posture
- Designed a dashboard to auto-populate with security metrics relating to endpoint device state
- Collaborated with team members to compile high risk infrastructure assessment reports to display security posture

United States Department of State, Beijing, China

October 2015 –

June 2018

Vice Consul, Foreign Service, U.S. Consulate

- Developed a regression analysis model to monitor, and report on changing regional fraud trends
- Managed a multi-cultural, tri-lingual team of 12 to execute daily fraud investigations concerning national security
- Created database sharing procedure between the China missions and D.C. to ensure equal access to updated models

DataData, Austin, TX

November 2014 – October

2015

Domain Expert, Public Sector

- Evaluated and monitored the accuracy of breaking events' data signals to provide clients with real-time awareness
- Initiated research to identify West African insurgency groups' social media activity for information detection

ADDITIONAL INFORMATION

White Hat Society, Heinz College, Carnegie Mellon University

- Participated in White Hat penetration techniques and exploratory labs

Technovation, Pittsburgh Science and Technology Academy

- Mentored and taught high school girls how to code and build mobile applications for an annual competition

Cyber 9/12 Cyber Policy Challenge, hosted by Columbia University

- Ranked 5th/28 teams focused on creating policy plan under crisis situation