THERESA MING

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EXPERIENCE

Salesforce Marketing Cloud
Network Security Engineer Intern | Indianapolis, IN   May 2016 - Aug 2016
- Implemented Python scripts and utilized Excel (pivot tables) in order to conduct Bro log data analysis (http, conn, ftp) to develop a baseline and perform anomaly detection on 20 GB of compressed gzip files
- Developed an automated IP address analysis script using Google Apps Scripts/Javascript in order to respond to Splunk large data exfiltration alerts
- Collaborated with a team of 4 fellow interns in order to build an events training web application for Salesforce Marketing Cloud employees through utilizing Heroku, Django, Google Oauth API, Google Calendar API

Revolutionary Engineering
Intern | Shanghai, China   May 2014 - Jun 2014
- Developed 3D models of dynamometer rigs through utilizing software such as LabView and AutoCAD
- Assisted with dynamometer testing software integration at 4 production facilities in and around Shanghai
- Tested 3+ pre-production automobiles for quality assurance in one of China's largest anechoic chambers

EDUCATION

Georgia Institute of Technology | Atlanta, GA   Aug 2016 - May 2019
B.S. in Computer Science   GPA 3.45/4.00
Purdue University | West Lafayette, IN   Aug 2015 - May 2016
Dean's List (Fall '15, Spring '16)   GPA 3.62/4.00
Carnegie Mellon University | Pittsburgh, PA   Jun 2014 - Aug 2014
Relevant coursework - 15-110: Principles of Computing, 21-122: Integration, Differential Equations, and Approximations

LEADERSHIP

Community Director | Startup Exchange - Executive Board   Aug 2016 - present
- Organized and facilitated 3 Startup Exchange events with 30+ attendees at each event
- Designed a script in order to facilitate check-in and to highlight where Startup Exchange can improve diversity
- Assists in managing and adding features to the Startup Exchange website (http://startup.exchange)

Communications Director | Purdue Student Government   Jan 2016 - May 2016
- Led a team of 5 students in order to delegate tasks and facilitate the creation of flyers and advertisements
- Utilized software such Adobe Photoshop and Illustrator in order to create graphics (portfolio located at: http://theresaming.crevado.com)

PROJECTS

1000 Pitches Website | HTML, CSS, Javascript, Figma   Dec 2016 - present
Created a landing page for Georgia Tech's 1000 Pitches competition. (http://www.gt1000pitches.com)
Study Room Automation | Python, Selenium, Google Calendar API   Oct 2016 - present
Developed scripts in Python using the Selenium framework in order to automate a browser to reserve study rooms in the Clough Undergraduate Learning Commons based on 2 hour vacancies in my Google Calendar

SKILLS

Programming Languages Python, Java, C, C++, MATLAB, LabView, HTML, CSS, Javascript
Operating Systems OS X, Microsoft Windows, Kali Linux
Languages English (native fluency), Mandarin (conversational fluency), Japanese (elementary fluency)
Other Bash, Git, Heroku, Raspberry Pi, Arduino
Interests Tae Kwon Do, volleyball, hiking, camping, jazz, guitar