

# THERESA MING

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## EXPERIENCE

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### 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
- Designed a Python script in order to perform time variance analysis on 3 different log types in order to gather information and detect anomalies for sessions with high counts and low variance values
- 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

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**Georgia Institute of Technology** | Atlanta, GA

Aug 2016 - May 2019

B.S. in Computer Science

**Purdue University** | West Lafayette, IN

Aug 2015 - May 2016

GPA: 3.62/4.00

Dean's List (Fall '15, Spring '16)

**Carnegie Mellon University** | Pittsburgh, PA

Jun 2014 - Aug 2014

Relevant coursework - 15-110: Principles of Computing, 21-122: Integration, Differential Equations, and Approximations

## LEADERSHIP

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**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 as Adobe Photoshop and Illustrator in order to create graphics (portfolio located at: <http://theresaming.crevado.com>)

## SKILLS

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**Programming Languages** Python, Java, C, C++, MATLAB, LabView, Google Apps Script

**Front-End Development** 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** Krav Maga, black belt in Tae Kwon Do, volleyball, hiking, camping, jazz