Mitchell Lee

https://mnsupreme.github.io (626)-861-7861 mnsupreme@gmail.com
mnsupreme mitchell-lee

Education

Purdue University
- *Graduating May 2019*
- Computer Information Technology
- Cyber Security
- **GPA** - 3.17

Coursera
- 2018
- Machine Learning Cerficate

Coding Dojo
- 2016
- Full Stack Web Development Cerficate

General Assembly
- 2015
- Front End Web Development Certificate

Achievements

- **LA Hacks Gap Tech Challenge** 1st place *Spring 2015*
- **M Hacks Wolfram** 3rd Place Fall *Fall 2015*

Languages

- Javascript - **intermediate**
- Python - **intermediate**
- HTML - **advanced**
- CSS - **advanced**
- Node.js - **intermediate**
- Matlab - **intermediate**
- SQL - **intermediate**
- C++ - **beginner**

Professional Experience

Student Developer **3iD/IN3 (November 2016-August 2018)**

- Updated Client Websites
- Built a cloud based user management and content management console
- Wrote scripts for data collection and data cleaning
- Languages:

Python	Node.js	Javascript
HTML	CSS	Firebase

Web Development Intern **Lowe's Corporate (Summer 2017)**

- Built a web application to test an interal API
- Formatted JSON response from internal API
- Unit tested with Lab.js
- Languages:

Lab.js	Handlebars.js	Node.js
Javascript	HTML	CSS

Projects

Problems in National Security Project **CNIT 581 (Spring 2019)**

- Conducted data analysis on captured network traffic to find differences between benign and malicious network activity
- Cleaned and calculated descriptive statistics for large amounts of data
- Isolated and analyzed over 3 million data streams
- https://github.com/mnsupreme/581
- Languages:

Python	Scapy	Anaconda

Python Scripting for Cybsersecurity **CNIT 481 (Spring 2019)**

- Created teaching materials for teaching a class on Python Scripting for Cybersecurity
- The material will be used in a graduate class taught at Purdue
- https://github.com/mnsupreme/Python_For_Cybersecurity
- Languages:

Python	Scapy	Pyshark

Ground Robot State Estimator **Purdue International Aerial Robotics (Spring 2018)**

- Programmed a simulation to model ground robot movements
- Wrote an Unscented Transform to predict ground robot future positions
- refactored a computer vision application to detect ground robots
- Received Independent Study College Credit for my work
- https://github.com/purdue-arc/mission7_state_estimator
- Languages:

Matlab	C++

Subletr **Big Red Hacks (Fall 2016)**

- Created a classfields website for subletting. Allowed users to post and reply to subleasing opporotunities
- Lead a team of beginners
- Deployed on AWS
- https://github.com/mnsupreme/bigred
- Languages:

Node.js	Angular.js	Mongo DB

Parent Lock **M Hacks (Fall 2016)**

- Created a car monitoring app built for GM'S prototype smart dashboard
- Allows parents to track their car's location
- https://devpost.com/software/parentlock-5k1ivn
- Languages:

Node.js	Angular.js