

Mitchell Lee

</> <https://mnsupreme.github.io>

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Education

Purdue University

- Graduated May 2019
- Computer Information Technology
- Cyber Security
- GPA - 3.06

Coursera

- 2018
- Machine Learning Certificate

Coding Dojo

- 2016
- Full Stack Web Development Certificate

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
- Technologies Used:

Python	Node.js	Javascript
HTML	CSS	Firebase

Web Development Intern Lowe's Corporate (Summer 2017)

- Built a web application to test an internal company API
- The web application received and formatted the JSON response from the internal API
- Unit tested the application with Lab.js
- Technologies Used:

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

Major League Hacking Coach (November 2017 - May 2018)

- Traveled to various colleges across North America to host programming competitions
- Mentored participants who needed help
- Conducted social media campaigns for company sponsors

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>
- Technologies Used:

Python	Scapy	Anaconda
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Python Scripting for Cybersecurity 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
- Technologies Used:

Python	Scapy	Metasploit
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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
- Technologies Used:

Matlab	C++
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Subletr Big Red Hacks (Fall 2016)

- Created a classfields website for subletting. Allowed users to post and reply to subleasing opportunities
- Led a team of beginners
- Deployed on AWS
- <https://github.com/mnsupreme/bigred>
- Technologies Used:

Node.js	Angular.js	Mongo DB
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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>
- Technologies Used:

Node.js	Angular.js
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