Mihai Gherghina

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https://www.linkedin.com/in/mihaigherghina/

Active: NATO Secret (NS) clearance
In Progress: Top Secret (TS/SCI) w/ full-scope polygraph

Skills

- Security operations experience
- Information Security Management
- Research

- Management Information Systems (MIS)
- Databases
- Robotics

Work History

AWS Security Operations Engineer, 09/2019 to Current

California Polytechnic State University Cal Poly – San Luis Obispo, CA

- Transitioning current infrastructure to AWS GovCloud.
- Advise and consult on risk assessment, threat modeling, and vulnerability remediation.

University Robotics Lecturer, 07/2019 to 08/2019

California Polytechnic State University Cal Poly – San Luis Obispo, CA

- Worked on navigation features and behaviors to autonomously control drones through difficult contexts.
- Designed and implemented basic principles of autonomous navigation and control.
- Worked hand-in-hand with an international flight control student team.

Cyber Security Systems Architect, 10/2018 to Current

California Polytechnic State University Cal Poly – San Luis Obispo, CA

- Provide in depth engineering analysis of server infrastructure alternatives for Northrop Grumman in support of their strategic modernization efforts and communications enhancement design for medium and large-scale Cyber Defense Courses at California Polytechnic, San Luis Obispo.

Unix System Administrator, 10/2018 to Current

California Polytechnic State University Cal Poly – San Luis Obispo, CA

- Managing day-to-day operations including maintenance of storage and compute nodes on virtual network servers using VMWare and Unix server distribution tools.
- Deploying and enforcing security policies on a next generation Palo-Alto Networks firewall.

Autonomous Vehicle Security Researcher, 05/2018 to 09/2019

California Polytechnic State University Cal Poly – San Luis Obispo, CA

- Designed, analyzed, modeled, and simulated signal-processing algorithms for vulnerabilities in wireless system applications, including tire pressure monitoring systems (TPMS), signals collection, RF Geo-location and electronic attack.
- Implemented, debugged and tested wireless application prototypes on third-party software-defined radio (SDR) platforms.

Sales Engineer, 07/2015 to 09/2019

MiklosCPA – Costa Mesa, CA

- Searched and qualified new clients, initiated business relations, and created personalized landing portals for cloud accounting services managed in-house.
- Used exemplary customer service to build a book of business and used that base to expand through referrals.

Education

Bachelor of Science: Computer Science, Expected in 06/2020

California Polytechnic State University-San Luis Obispo - San Luis Obispo, CA