

# *Hannah Felize De Luna*



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## **PROFESSIONAL SUMMARY**

Hannah Felize De Luna has experience with cybersecurity, application program interfaces (APIs), Internet of Things (IoT), and multiple programming languages. Hannah is certified in the use of CodeSuite®. She holds a B.S. in Computer Science from the University of Nevada, Las Vegas.

## **EXPERIENCE**

### 04/2023 - present: United States Air Force

- Software Engineer
- Serves as the senior IT specialist in system analysis and applications software design and implementation using Agile methodologies
- Creates feasibility studies to determine requirements for developing entirely new or making major modifications to existing applications software
- Analyzes large, complex information systems characterized by the need for substantial problem analysis
- Develops custom Docker images to support continuous integration and deployment (CI/CD) pipelines, reducing the risk of production failures and minimizing downtime

### 08/2022 - present: Zeidman Consulting

- Research Engineer
- Runs CodeSuite® and analyzes results for software IP litigation
- Analyzes computer code
- Performs research on patents and trade secrets
- Writes claim charts for patent infringement analysis
- Writes expert reports for software IP litigation

### 1/2022 - 5/2022: R-Cubed, Las Vegas, NV

- React Native Developer
- Worked with JavaScript to develop a recycling assistance app on Android, iOS, and web for the city of Las Vegas
- Built React Native components with Expo that interact with APIs to input scanned product data into Firebase database
- Automated with Jenkins, Docker, and Bash to run pre-integration tests and UI testing

### 07/2021 - 12/2021: Cisco. Raleigh, NC

- Server Virtualization Technical Consulting Engineer Co-Op
- Provided systems/product training and intellectual property material for Unified Computing Systems (UCS) server line, management software, virtualized switches, hypervisors, and server operating systems
- Submitted complete and accurate defect reports in area of expertise
- Earned Cisco Certified Network Associate (CCNA) and trained for Cisco DevNet Associate certification

### 10/2019 - 09/2021: National Cyber League Cybersecurity Competition

- Team Captain (Top 13% Competitor)

- Worked under tight time restrictions to solve numerous problems in a capture-the-flag format
- Completed challenges based around the Security+ and Certified Ethical Hacker curricula
- Covered areas such as Web Application Exploitation, Log Analysis, Scanning & Recon, and Reverse Engineering

8/2019 - 09/2021: UNLV College of Engineering, Las Vegas, NV

- Senior Assistant Systems Analyst
- Supported around 250 Windows and Linux machines for research faculty and students
- Performed network maintenance, website updating, machine/server room management, and general technical assistance
- Used Bash scripting to schedule and automate processes including backing up servers and generating monthly reports

Key Projects:

- Implemented an IT ticketing system written in PHP and JavaScript
- Created a web page outlining NIST framework guidelines for faculty and students written in HTML, CSS, and Python

06/2019 - 03/2020: Terbine, Las Vegas, NV

- Global Data Searcher
- Found machine-generated sensor data to submit into the Terbine system to meet team goals and individual tasks
- Interacted with REST and SOAP APIs using Postman to access and then parse through raw data
- Managed, reformatted, entered, edited, merged, and maintained data in preparation for submission

05/2019 - 07/2019: Center for Accelerating Operational Efficiency, Las Vegas, NV

- Research Development Engineering Intern
- Presented on the key issues in providing efficient screening services while ensuring TSA security objectives were achieved
- Completed lab-based data analysis and a hands-on project related to improving airport screening operations

**KNOWLEDGE AND SKILLS**

- Languages: Assembly (x86 and MIPS), Bash, C, C++, Java, JavaScript, Python, Salesforce
- Tools: Burp Suite, CodeSuite, CyberChef, DirBuster, Ghidra, HashCat, Kali Linux, Nmap, OpenStego, Wireshark

**EDUCATION**

Master of Science in Cybersecurity, 8/2023 - 12/2024,  
University of Nevada, Las Vegas

Online Master of Science in Cybersecurity Science, 8/2022 - 5/2023,  
University of Texas, San Antonio

Bachelor of Science in Computer Science, Concentration in Information Assurance, 2022,  
University of Nevada, Las Vegas