

# Mario Alberto Ibarra

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## Summary

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Senior Computer Information Systems student with an emphasis in Information Assurance seeking an entry-level position in cybersecurity. Experience with software development, penetration testing, intrusion detection and intrusion analysis for SOC roles.

## Skills and Certifications

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- Cisco Certified Network Associate Cyber Ops (CCNA Cyber Ops)
- Python, Bash, Java, HTML/CSS, Regex
- Forensics Toolkit (FTK), EnCase, SANS Investigative Forensic Toolkit (SIFT)
- SIEM, IDS/IPS, Splunk, Snort, Wireshark
- Kali Linux (Metasploit, nmap, nessus, OpenVAS)
- Microsoft Office (Word, Excel, Access, PowerPoint, Visio)

## Experience

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### Business Data Links

January 2017 – March 2017

### IT Support Intern

Pomona, California

- Installed, tested, and maintained VMware ESXi on over 15 workstations.
- Completed daily checks on 40 customer servers to ensure services were functional.
- Troubleshoot workstations and fixed their issues.
- Solved customer and internal tickets daily.
- Aided customers with technical difficulties through the phone.

## Education

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### California State Polytechnic University, Pomona

2013 - Present

B.S. in Computer Information Systems, Information Assurance  
Expected Graduation – December 2017

Pomona, California

## Projects

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### Software-Defined Networking Lab

April 2017 - June 2017

- Created a lab consisting of a Juniper EX4200 switch, Zodiac FX OpenFlow switch, and an OpenDaylight SDN Controller VM.
- Created a python script, which retrieved MAC addresses from OpenDaylight, cross-referenced with MACs from the Juniper Ethernet Switching Table, and applied port security to the Juniper switch.

### Penetration Testing Lab

March 2017 – Present

- Deployed an ESXi box with pfSense, Kali Linux, SIEM with Splunk, IPS with Snort, and vulnerable virtual machines.
- Consisted of five virtual machines within four distinct network segments.
- Used to practice penetration testing and intrusion detection.