

# MARIO MARTINEZ, JR.

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TryHackMe: ku5e (USA Rank #100)

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## CYBERSECURITY PROFESSIONAL

Security-focused IT professional with 20+ years of network administration, penetration testing, and systems security experience. Ranked #100 in USA (top 0.0003%) on TryHackMe platform. Proven expertise in enterprise network security, Active Directory administration, and incident response across multiple industries. Seeking remote SOC Analyst position.

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## TECHNICAL SKILLS

**Security:** Penetration Testing (Physical & Network) • SIEM • Vulnerability Assessment • Incident Response • IDS/IPS • Network Security Protocols

**Systems:** Linux (RedHat, CentOS, Gentoo) • Windows Server 2000-2023 • Active Directory • VMware ESX • VPN

**Programming:** Python • Java • Bash • JavaScript • PHP

**Tools:** TryHackMe • Wireshark • Nmap • Metasploit • MySQL

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## PROFESSIONAL EXPERIENCE

**Lake Mary Preparatory School** | Saint Cloud, FL

*Computer Science & Cybersecurity Instructor* | September 2017 - Present

- Teach AP Computer Science and Honors Cybersecurity to 100+ students annually
- Develop hands-on security labs covering penetration testing, network analysis, and incident response
- Coach competitive cybersecurity and programming teams
- AP Computer Science A Exam Reader for College Board (2022-Present)

**BookThatDoc.com LLC** | Remote

*Webmaster & Project Manager* | 2014 - 2016

- Designed secure MVC architecture for healthcare platform ensuring HIPAA compliance

- Managed development team implementing secure authentication systems

### **Bio-Metrica, LLC | Worldwide**

*Technical Marketing Engineer | 2012 - 2014*

- Designed and deployed closed-circuit security systems for international clients
- Developed embedded hardware for access control systems

### **Cornerstone Charter Academy | Orlando, FL**

*Network Administrator & IT Instructor | 2010 - 2012*

- Administered secure network infrastructure and 200+ IP phone system
- Managed campus-wide CCTV security system
- Implemented security policies for network access

### **Network Consulting and Design, Inc. | Contract**

*IT Security Consultant | 2010 - 2011*

*Client: Hutchings Automotive Products (International Operations)*

- Administered multi-forest Active Directory across 4 international locations
- Managed and secured international VPN infrastructure
- Implemented security policies and access controls across global enterprise network
- Installed surveillance cameras and network cabling infrastructure

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## **EDUCATION**

### **Master of Business Administration - Technology Management**

University of Phoenix

### **Bachelor of Science - Business Administration**

University of Phoenix

### **Aerospace Engineering Studies (80% complete)**

University of Central Florida

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## **CERTIFICATIONS & TRAINING**

- Physical Penetration Testing - Antisyphon Training (Travis Wethers, Ralph May) | 2024

- AP Computer Science A Exam Reader, College Board | 2022-Present
  - TryHackMe: ku5e - USA Rank #100, Global Rank #880 ([tryhackme.com/p/ku5e](http://tryhackme.com/p/ku5e))
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## KEY ACCOMPLISHMENTS

- **Elite Cybersecurity Ranking:** Top 100 in USA on TryHackMe platform through daily hands-on practice
  - **Global Network Security:** Secured international VPN infrastructure spanning 4 geographic locations
  - **HIPAA Compliance:** Designed and implemented secure medical records system for enterprise environment
  - **Security Systems Expertise:** Deployed closed-circuit security and access control systems worldwide
  - **Cybersecurity Education:** Developed comprehensive security curriculum and competitive team program
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**Languages:** English and Spanish (Fluent) | **Availability:** Immediate for remote positions

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**NOTE:** Additional experience prior to 2010 available upon request, including extensive enterprise security implementations, network administration, and HIPAA-compliant infrastructure design.