John Romero | IT Systems Engineer | Applied Technology Researcher | College-Level Lecturer

Houston, Texas 77081 | E-mail: john_romero@hotmail.com | Website: https://www.linkedin.com/in/itromero/

PROFESSIONAL SUMMARY

Accomplished higher education leader and applied technology professional, with over five years overseeing instruction in Cybersecurity, Information Systems, Programming, and IT Infrastructure at the college level. Integrates industry expertise with strategic instructional design to build scalable, workforce-aligned programs and learning experiences. Currently advancing a Doctorate in Education and Leadership in Information Systems, committed to driving student outcomes, curriculum optimization, and institutional alignment between academia and real-world practice.

CORE SKILLS

- **Higher Education Instruction & Online Teaching**: Delivering engaging courses in Cybersecurity, Information Systems, Programming, and IT Infrastructure.
- **Curriculum Design & Assessment**: Developing industry-aligned curricula with practical labs, simulations, and outcome-based evaluations.
- **Cybersecurity & Information Systems Education**: Teaching ethical hacking, network defense, and data protection with real-world case studies.
- **Learning Management Systems**: Proficient in Canvas and Blackboard for course delivery, assessments, and student engagement.
- **Applied Programming & Systems Concepts**: Integrating hands-on programming and systems engineering into educational contexts.
- **Educational Technology & Digital Tools**: Utilizing tools like Cengage, Pearson, and AI platforms for interactive learning.
- **Student Mentorship & Career Readiness**: Guiding students toward certifications, internships, and professional development.
- **Academic–Industry Alignment**: Bridging classroom theory with workforce needs through partnerships and applied projects.

PROFESSIONAL EXPERIENCE

Instructor/Lecturer | Houston Christian University | Houston, TX   08/2025-Current
- Deliver instruction in Information Systems and Software Engineering, emphasizing real-world applications to build practical skills.
- Integrate cutting-edge tools and industry trends to equip students for dynamic professional challenges.
- Utilized Canvas LMS to manage course delivery, assessments, and feedback.

Adjunct Faculty | Miami Dade College Online | Miami, Florida   06/2022 – 12/2025
- Delivered online instruction in Information Systems, Cybersecurity, Ethical Hacking, and Network Defense.
- Integrated industry-aligned content addressing cloud security, network defense, and cybersecurity challenges.
- Utilized Canvas LMS and digital learning platforms (Cengage, Pearson, MGH) to support course delivery and assessment.

Software Engineer QA | General Motors | Austin, TX   03/2022 – 09/2024
- Collaborated with cross-functional teams to design and implement software solutions for manufacturing devices.
- Developed and executed automated test cases and frameworks to support efficient software development and testing cycles.
- Optimized network performance for new product launches by analyzing metrics, KPIs, and usage statistics.

Director of Technology | Metropolitan International Centner Academy | Miami, FL   07/2021 – 02/2022
- Assessed and managed the institution's technology needs, overseeing strategic projects to enhance online learning platforms, information systems infrastructure, and cybersecurity protocols, resulting in increased system security and data protection
- Led the design and implementation of network connectivity solutions for learning platforms, including support for wireless communication across devices.

IT Specialist & Network Administrator Manager | Gunderlin Ltd | Miami, FL   08/2019 – 06/2021
- Managed hardware, software, and wireless infrastructure supporting 250+ users in a Cisco-based network environment.
- Optimized network configurations and system performance, contributing to an estimated 20% improvement in operational efficiency.

Integrated Solutions Consultant | AT&T | Miami, FL   01/2015 – 08/2019
- Delivered integrated mobile solutions, collaborating with cross-functional teams to enhance device connectivity and technology adoption.
- Partnered directly with customers and business stakeholders to understand needs, resolve technical issues, and ensure accurate, high-quality service delivery.

EDUCATION

- **Doctor of Education and Leadership in Information Systems** (*In Progress, expected 2028*) | University of the Cumberlands
- **Master of Science in Information Systems** | Florida International University, Miami, FL
- **Bachelor of Science in IoT Information Technology** | Florida International University, Miami, FL
- **Associate of Arts in Information Technology** | Miami Dade College, Miami, FL
- **Certifications & Leadership**: Online Teaching and Effective College Instruction (ACUE)/ Digital Forensics (FIU) / Lean Six Sigma Yellow Belt / AWS Academy Educator.