Diego Orozco

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EDUCATION

Brigham Young University, Fulton College of Engineering Exp. Apr 2028
Bachelor of Science in Cybersecurity Provo, UT

- GPA: 3.60
- Scholarships: BYU International Student, College of Engineering-Electrical & Computer Engineering Endowed Scholarship
- Coursework: Web systems and Security, Networks and Security, Linear Algebra, Computational Linear Algebra, Computer Systems, Adversarial & Cyber Mindset, Data Structures

SKILLS

Technical: Python, HTML/CSS, C, ATT&CK, CVEs, CWEs, Crowdstrike Falcon (EDR), SQL, C++, REST APIs, GNS3 & Cisco CLI, JavaScript, Computer Networking (TCP/IP, routing, switching), Assembly, MongoDB, Vue.js, Node.js, PHP, Git, Atlassian's Jira and Confluence, ServiceNow, Linux, Windows, Virtual Machines

RELEVANT EXPERIENCE

Brigham Young University — Harman Continuing Education Oct 2024-Present
Computing Specialist Provo, UT

- Monitor and investigate endpoint security alerts and vulnerabilities through the CrowdStrike Falcon dashboard, tracing findings to affected systems, applications, and updates, assessing severity, and identifying root causes to guide remediation across +1000 systems
- Remediate and verify endpoint vulnerabilities by applying security updates, configuring affected systems, and resolving software issues, and confirm corrective actions reduce outstanding security risks
- Administer and secure Windows accounts, Active Directory users and computers, system reimaging, and access permissions while troubleshooting endpoint, software, hardware, and network issues across the building

Brigham Young University — Cybersecurity Research May 2026-Present
Research Assistant Provo, UT

- Conducted cryptocurrency scam investigations through Intelligence for Good's ScamBusters project by analyzing suspicious websites, identifying associated cryptocurrency wallets, tracing wallet transactions, and operating multiple security-analysis tools to verify confirmed scams
- Developed a machine-learning pipeline using Python and LightGBM to identify and classify potential cryptocurrency scam websites, implementing feature extraction, model training, testing, and evaluation based on website characteristics
- Conducted literature reviews and research on cryptocurrency scams, AI-enabled scams, and messaging-app fraud, contributing to an accepted CARS conference paper on scams through messaging platforms

UNDERGRADUATE CYBERSECURITY PROJECTS

Full-Stack Task Manager Web & Mobile Application

- Developed a full-stack task management application, progressing from static front-end design to a dynamic client-server architecture using HTML, JavaScript, PHP, and Git
- Deployed the application on AWS with DNS and HTTPS configured, building responsive web and mobile interfaces using Vue.js and Vuetify

Enterprise Network Design & Security Project

- Designed a secure, scalable network infrastructure for a multi-building campus, including internal, guest, and isolated operational networks
- Created an addressing and VLAN plan with security controls to enforce traffic separation and protect sensitive systems

Tic-Tac-Toe Game with AI

- Implemented a Tic-Tac-Toe game in Python with AI decision-making using algorithmic problem-solving and state evaluation
- Applied data structures and control logic to simulate intelligent gameplay behavior