RYAN ERMERT
San Diego, CA ▪ ryscer@gmail.com

PROFESSIONAL EXPERIENCE

City of San Diego, San Diego, CA   2019 - Present
Enterprise Network Manager & Architect
▪ Managing Citywide network services contractor, budget, and operations
▪ Leading modernization effort to upgrade network equipment, fiber infrastructure and WAN design
▪ Creating Citywide standards for network equipment, services, policies, and procedures
▪ Running several network projects including new site provisioning and equipment refreshes
▪ Optimizing sourcing strategy and operations for telecommunications services
▪ Overseeing multi-department call center implementation project

Point Loma Nazarene University, San Diego, CA   2018 - Present
Adjunct Professor – Full Stack Web Development
▪ Conducting courses focused on business logic and object-oriented development with Python and C#
▪ Instructing courses on back-end web development with emphasis on PHP and MySQL
▪ Teaching introductory classes on front-end web development based on HTML/CSS/JavaScript

University of California San Diego Extension, San Diego, CA   2018 - 2021
Instructor – Front-End Web Development
▪ Developed curriculum on three-course front end development program
▪ Led front-end web development classes for students with no prior programming experience
▪ Conducted intermediate JavaScript course with emphasis on advanced concepts and libraries
▪ Taught advanced JavaScript course with emphasis on front end models and frameworks

City of San Diego, San Diego, CA   2018 - 2019
Senior Cyber Security Engineer/Cyber Security Analyst
▪ Managed Citywide network and cyber security budgets and procurements
▪ Oversaw incident response program and developed documentation, policy, workflow, and automation
▪ Assisted in initiatives to attain PCI and HIPAA compliance certifications for various systems
▪ Configured network Firewall, IDS/IPS, SIEM and SOAR systems for continuous monitoring
▪ Led various projects to improve security, efficiency, and availability of Domain Name System
▪ Administrated rollout, maintenance and testing of Endpoint Detection & Response solution
▪ Created and managed cyber security internship and mentorship programs

Kalloc Studios, Carlsbad, CA   2017 - 2018
Programmer Designer
▪ Responsible for AWS cloud tenant including IaaS and networking services
▪ Led web application project to support Construction Quality Management System
▪ Paired with senior programmer to write custom enterprise server for consumer and business use
▪ Assisted with optimization and security fixes for database, server, and plugin applications
▪ Developed Architecture, Engineering & Construction features on iOS, Android, and PC software

Federal Bureau of Investigation, San Diego, CA   2015 - 2017
Volunteer Student Programmer - Internship
▪ Collaborated with San Diego office on a large-scale, network security project
▪ Responsible for Python scripts to parse and analyze network data against known flags
▪ Implemented whitelist/blacklist system to filter known dangerous network traffic
▪ Assisted in design and development of security-based web application for business audience

UC San Diego, Department of Intercollegiate Athletics, La Jolla, CA   2012 - 2017
Student Computer Support Assistant - Internship
▪ Built staff website using SharePoint and custom Javascript/jQuery/HTML/CSS
▪ Wrote administrative and security-based PowerShell, AppleScript, and PHP scripts
▪ Disassembled and replaced faulty hardware of various laptop and desktop computers
▪ Created an endpoint agent to automatically push machine data to CMDB on startup

CERTIFICATIONS
▪ GIAC Certified Incident Handler (GCIH)
▪ GIAC Web Application Penetration Tester (GWAPT)
▪ Sumo Logic Certified: Pro User, Power User, Power Admin, Security User

TECHNICAL SKILLS
▪ Experienced with C++, C#, Python, PHP, JavaScript, CSS, HTML
▪ Proficient with Java, C, Dart, and various relational database languages
▪ Conversant with both Windows command line and Linux shell environments

EDUCATION
Jacobs School of Engineering, University of California San Diego   2012 - 2017
B.S. in Computer Science & Engineering – focus on Software Engineering