

Keith Wright

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## Summary

Eleven years of comprehensive IT administration, including security hardening and automated attack blocking, sparked a passion for cybersecurity. Proven expertise in teaching cybersecurity, ethical hacking, and industry certifications, with a track record of developing engaging curriculum. Diverse programming experience, from boot code to application development, including independently publishing 14 Google Play apps, with one achieving over a million downloads.

## Technical Skills

- Security: Application, host, network IAM, zero trust, Splunk, Security Onion SIEM, ethical hacking
- Operating Systems: Linux, Windows, macOS, Pi OS, Unix
- Networking: Subnetting, routing, TCP/IP protocols, network administration, and advanced SSH
- Programming: Python, Powershell, Java, JavaScript, C/C++, Bash, Rust, Go, etc.
- Databases: Access Applications, MariaDB, MySQL, PostgreSQL, SQL Server
- Cloud Platforms: AWS, Azure, Google Cloud
- Virtualization: KVM, VMware, VirtualBox, Docker, Kubernetes, Proxmox
- Web: HTML, PHP, XML, JavaScript, Django, Sharepoint

## Experience

### ***Contract Instructor***

Linux Foundation, San Francisco, CA | March 2017 – Current

- Managed virtual environment using ProxMox to create virtual machines for Linux, Windows 10/11
- Developed and delivered course materials aligned with industry standards in Cybersecurity and ethical hacking
- Mentored students on Cybersecurity concepts and assisted with project work related to security vulnerabilities
- Taught courses for GIT, System Administration, Advanced Networking, Performance Tuning, and Security

### ***Lead IT Instructor*** (Hardware, Operating Systems, and Security Focus)

Able-Disable Advocacy, San Diego, CA | July 2023 – September 2024

- Updated CompTIA A+, Linux+, Network+, Security+ and stacked certifications
- Developed and delivered Cybersecurity courses CySA+ and Security+
- Prepared and delivered engaging lectures and hands-on labs focused on ethical hacking and security best practices

- Designed, developed and utilized Access database application for tracking students' progress in courses
- Used Word, PowerPoint, Excel, and Outlook in MS Office 365

### ***Adjunct Professor*** (Linux and Networking Focus)

California Institute of Arts and Technology, National City, CA | April 2020 – August 2021

- Developed and delivered online video training content for:
- CompTIA Linux+ RedHat and Debian-based distributions
- Cisco DevNet courses using Python and PowerShell towards certification
- Monitored, assisted, mentored, and produced report on student progress

### ***Training Architect***

Linux Academy, Texas | September 2019 – February 2021

- Developed scripts of commands to be typed, images and diagrams
- Developed dynamic labs for students to work through exercises
- Created popular videos explaining and demonstrating Linux system administration
- Worked with audio and video editing software using MacOS
- Position was eliminated after company was purchased by a competitor

### ***Android Developer***

Independent Developer, WrightRocket, El Cajon, CA

- Published 14 Android applications with over 2 million total downloads producing income
- Leveraged prior Java knowledge to learn Android development and use of many Google APIs
- Performed design, graphics, layout, coding, publishing, and life-cycle production of apps

### ***System Administrator / Technical Trainer***

One Course Source, Inc., San Diego, CA

- Taught and developed courses in Linux and Unix System Administration, Bash, Python, and Perl
- System Administrator for DNS, email, and web sites for two internet domains on one server
- Produced the material to demonstrate, and recorded video to create Python 3 programming course
- Performed services as official Red Hat Certified Instructor (RHCI) and eXaminer (RHCX)
- Acquired Security+ certification and updated courseware for security

***Instructor***

New Horizons, San Diego, CA

- Taught Microsoft Access, Excel, FrontPage, Photoshop, PowerPoint, Project and Word software
- Acquired and taught certification courses for A+, Network+, Linux+ and Microsoft Office Master

***Instructor/Consultant***

Executrain, Lexington, KY

- Consulted with businesses in QuickBooks, Excel and Access database applications
- Senior instructor for Microsoft, Adobe and Macromedia products
- Taught A+, Network+, Visual Basic and JavaScript programming

***Vice President/Director of Training***

Sharper Executive, San Diego, CA

- Created Access database to dynamically manage to the website for courses, schedules and students.
- Created and updated Internet and Intranet using Databases on Internet Information and Apache servers
- Managed internal DNS and Internet Mail Servers using Linux and Windows NT

**Education**

San Diego State University, San Diego, CA

B.S., Business Administration with Distinction in Information Systems (Emphasis on Databases)

- Elected Historian and Sergeant at Arms in Professional Co-ed Delta Sigma Pi fraternity
- Elected Representative for Information Systems Dept in SDSU Student Council

**Certifications**

- CompTIA: A+, Linux+, Network+, Security+, and prepared for CySA+
- Linux Foundation: LFCE and Kubernetes
- Redhat: RHCE, RHCI, RHCX
- TryHackMe: Intro to Cyber Security, Cyber Defense, CompTIA Pentest+, SOC Level 1, Ranked Top 1%