

Stephen Parkinson

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Employment

STUDENT ASSISTANT, ON-SITE SUPPORT CAL POLY ITS,

SAN LUIS OBISPO, CA; MAY 2019 - PRESENT

- Responsible for support of computer services and equipment across multiple departments.
- Troubleshooting, detecting and solving of technical problems.
- Managing macOS and Windows based computers using Active Directory, System Center Configuration Manager (SCCM) and Jamf.

Education

CALIFORNIA POLYTECHNIC STATE UNIVERSITY

2017 - PRESENT

- Software Engineering, Major GPA 3.4
- Relevant Coursework: Introduction to Computing, Fundamentals of Computer Science, Data Structures, Project-Based Object-Oriented Programming & Design, Introduction to Computer Organization, and Systems Programming

Skills

- Experience with Python, C, git, zsh, iptables, Wireshark, Burp Suite and Swift
- Knowledge of macOS, Windows, and Linux operating systems

White Hat Cybersecurity Club

VICE PRESIDENT

SPRING 2019 - PRESENT

- Responsible for planning and logistics of events including iFixit Triathlon and Security Career Fair
- Coordinating with companies for presentations and special events
- Presented technical talks such as "iOS Security and Jailbreaking", "machswap, a vulnerability in XNU IPC", and "Intro to SSH"

SYSTEMS ADMINISTRATOR

SPRING 2018 - SPRING 2019

- Administered the only completely student run network on Cal Poly's campus
- Maintained, updated, and improved the White Hat lab computer infrastructure, including Linux servers and networking hardware

Projects

- Developed a watchOS app to show the status of the White Hat lab on an Apple Watch
- Created a Python script to control Spotify's API from the command line
- Upgraded White Hat's network infrastructure to take advantage of the 1Gbps connection we have to the internet