

Systems Administrator Systems Administrator Systems Administrator Work Experience Systems Administrator Neji Inc January 2018 to September 2018 Developed an automated suite of tools in Bash to reduce blockchain network deployment times from ~3 hours to ~20 minutes. ? Experimented with 50+ hardware setups to find the most optimized ratio of cost to performance with the intent to build wireless relays throughout San Francisco using the designs. ? Researched, purchased, assembled, and transported dozens of customized, high performance machines to a data center to provide the hashing power necessary to jumpstart the company's blockchain efforts. ? Documented assembly process of custom PC towers, software setup and usage, switch/router configurations, and more. Android Lab Engineer April 2014 to January 2018 Designed a wireless network system that increased the wireless stability of mobile phones in the Android labs by 20% at an estimated 15% of the cost of the existing solution. ? Automated repetitive device diagnostic and repair tasks through a combination of SaltStack, Bash/ADB scripts, and Cacti, alleviating hundreds of hours of work and increasing device uptime. ? Hired, trained, and managed a team of 3 who assisted me in building Google's device labs. ? Oversaw the construction of device labs from power, network, and physical space requirements to final device deployment. ? Proposed, and successfully defended, a change to corporate network policy, allowing the use of mesh networks. ? Consolidated alerting and developed an automated repair system for thousands of servers, tracking network statistics, temperature, CPU utilization, inode availability, storage capacity, memory usage, and more. ? Migrated our Elasticsearch cluster from 1.6 to 2.4 and then oversaw its maintenance. Systems Administrator Eudemonia January 2011 to March 2014 Created an automation platform to manage software updates, monitor machine health, and perform data backups and restorations across 50 Windows PCs and 10 Ubuntu servers. ? Wrote batch scripts to manage the user files and configurations of thousands of users across Windows XP through Windows 7. ? Experienced crawling through Windows Registry for automation and diagnostic purposes. Education App Academy March 2019 BA in Celtic Studies University of California, Berkeley - Berkeley, CA 2010 Skills Bash, Html, Javascript, Redux, Ruby, Rails, Sql, Css, Gcp, Linux Administrator, Linux, System Admin, System Administrator Links <https://www.linkedin.com/in/kmfischer/>

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