

Nelson Chen

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Santa Barbara, CA

Education

B.Sci in Computer Science at University of California, Santa Barbara - Santa Barbara, CA

- Expected Graduation: Fall 2012

Experience

UCSB HOUSING RESIDENTIAL NETWORK | SANTA BARBARA, CA

Network Consultant

I help residents in UCSB housing get their devices online with ResNet. I developed tools to streamline configuration of these devices for printing to shared printers and to automatically configure the network. I helped physically install switches and hardware in dozens of locations on campus. Internal documentation with regards to networking and procedures was also maintained by me. In addition, I assisted users one-on-one in troubleshooting any connectivity issues both simple and complex.

UCSB ASSOCIATED STUDENTS | SANTA BARBARA, CA

Technical Committee Vice Chair

I managed technical aspects of many committee activities including its website and software that's being used.

I have also designed, setup, configure, and maintained a Linux, Windows, and pfSense-based network and accompanying virtual machines for file sharing and network traffic management for LAN Parties for 150 or more attendees for every quarter since Fall of 2010.

Interests, Skills, and Hobbies

- Languages – Java, Ruby, C/C++, Python, and Scala
- Operating Systems and Platforms
 - Ubuntu Desktop and Server – Debian Packaging and Administration
 - Mac OS X – Homebrew Recipes and launchd
- Computer Networking – iptables, pf, and pfSense
- IDE – IntelliJ IDEA and Eclipse
- Text Editors – Vim
- Databases – PostgreSQL and SQLite
- Web Development – HTML, CSS, RoR, JavaScript, REST, JSON, and XML
- Misc. Tools – OpenStreetMap, Git, and ~~W~~T_EX
 - TileMill, GitHub, and BitBucket