

Nelson Chen

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Santa Barbara, CA

Education

2008-2012 — 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

2009- ... — Network Consultant

Helped residents in UCSB housing get their devices online with ResNet. Developed tools to streamline configuration of these devices for printing to shared printers and to automatically configure the network. 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. Assisted users one-on-one in troubleshooting any connectivity issues both simple and complex.

UCSB ASSOCIATED STUDENTS | SANTA BARBARA, CA

2009-2012 — Technical Committee Vice Chair

Managed technical aspects of many committee activities including its website and software.

Designed, setup, configure, and maintained a Linux, Windows, and pfSense-based network, accompanying virtual machines for file sharing and network traffic management, and devised and improved upon workarounds for problematic network issues for LAN Parties for 150 or more attendees for every quarter since Fall of 2010.

Interests, Skills, and Hobbies

- Languages – Scala, Java, Ruby, Object-oriented C/C++, and Python
- Operating Systems and Platforms
 - Debian Server, 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 – HTML5, SCSS, RoR, Play!, JavaScript, REST, JSON, and XML
- Misc. Tools – OpenStreetMap, Git, and \LaTeX
 - TileMill, GitHub, and BitBucket