Nathan Aclander   *aclander.com*   *nathan@aclander.com*   *(949)-436-8945*

EDUCATION

Bachelor of Science, Computer Science & Engineering
University of California, Los Angeles

SKILLS

Overview:

- Experience in writing clean reliable software, at scale

- Experience in administration and operation of multi-region distributed systems

Languages: Python, Java, Bash, Ruby, C, Emacs Lisp, C++, GO
Frameworks: Ruby on Rails, Flask, Spring, various AWS services
Operating Systems: Administrating and developing on Linux (RHEL/Debian/Arch) and Unix environments at scale
Software: ~~Vim~~ Emacs, Git, Mercurial, SVN, Redmine

WORK EXPERIENCE

Oracle Cloud Infrastructure   Winter 2018–Present
Principal member of Technical Staff — Working in various areas of the Oracle Cloud. From region build, region automation, networking automation, and global service proxies. Responsible of designing and leading the development of multiple new services and components.

Amazon - AWS   Winter 2015–Winter 2018
SDE II — At Amazon EC2 where I was part of the Kernel and Operating System team. I helped develop next generation EC2 instances. I then worked on the EC2 Tools team, developing provisioning and configuration systems.

Amazon   Summer 2014–Fall 2014
SDE Intern — At Amazon Information Security where I developed an internal tool designed to enable employees throughout the company to manage preferences regarding the security state of their code.

DIRECTV   Summer 2013– Fall 2013
Software Engineering Intern — Developed memory leak detection tool for custom linux userland tools, with cross architecture compatability(ARM, MIPS, X86)

UCLA Radio   Fall 2011– Fall 2014
Web Director — UCLA Radio website group leader, website administrator

Student Technology Center   Summer 2011– winter 2014
Computer Technician — Customer Support Representative, IT support (software and hardware), network infrastructure support

INDEPENDENT PROJECTS

- Calibre/Remarkable Tablet Plugin Designed a Calibre plugin to sync books from the Calibre ebook management system to a Remarkable Tablet

- Multi-vlan home network configuration using shorewall for zone management and elasticsearch for network telemetry

- Various contributions to emacs packages and ecosystem.

- Uploader - A tool to help people share files and links.

For more projects and contributions see naclander on github.

EXTRA-CURRICULAR

Husky Tech   Winter 2019
Industry Mentor — Volunteered to mentor University of Washington Students using my personal experience in industry. Was able to provide advice and guidance to navigating a University CS programs, internships, and industry jobs.

Linux Users Group   Fall 2013 – Spring 2014
Vice President — A student organization at UCLA to help promote and familiarize other students with the installation and usage of Linux operating systems and other open source projects, both for school and for personal use.