Colin Chan
Software Developer, Linux Guru

Work Experience

- **Meta**, Menlo Park, CA   June 2015 –
  On Demand   [Python]
  - Designed and built core components that track and manage machine lifecycle
  - Built a framework enabling other teams to write preparation logic easily

  DevFeature   [Rust, Bash]
  - Made it easy for teams to ship their tools/services to dev environments
  - Built an intuitive CLI for users to manage installation of tools/services

  Homedir migrations   [Bash, Python]
  - Moved the home directories of 30,000 employees from NFS-mounted storage to a new storage solution with essentially no interruption

  Devserver tooling   [Python, Ruby, Hack]
  - Built tools to help engineers use, manage, diagnose, and fix their devservers
  - Improved reliability and functionality of nightly disk backups
  - Built automation to make migration to new servers smooth and automatic

- **Facebook**, Menlo Park, CA   Summer 2014
  - Added an HTTP cache API to the *Buck* build system   [Java]

- **PLW Modelworks**, Melbourne, FL   Summers 2011, 2012
  - Built a web app for managing employee information and tasks   [Python]
  - Configured a Linux server as a Windows domain controller using Samba

Education

- **University of Florida**, Gainesville, FL   Dec 2014
  Computer Science / Music Theory   GPA: 3.96

Projects

- **Voidpop** — dummy POP3 server open to the public at VOIDPOP.ORG   2019
  - Accepts any credentials and reports an empty mailbox   [Python]
  - Built to work around some inconvenient behavior in Microsoft Outlook

- **Websleydale** — build static websites with ease   2013 –
  - Pulls source files from disk or Git repositories   [Python]
  - Runs steps asynchronously to be as fast as possible

- **Rockuefort** — "compiler" for music playlists   2013 –
  - Playlists are written in a simple plain-text query format   [Python]
  - Can export a merged audio file, directory of symlinks, or use rsync

- **SFAGO2024.ORG** — website for the 2024 AGO National Convention   2023 – 2024
  - Built a mobile-friendly static site from scratch   [HTML/CSS, JavaScript]

Skills

Languages: Python, Rust, Zig, Bash, HTML/CSS, JavaScript, *[your language here]*

Technologies: Linux, systemd, Chef, nginx, MySQL, DNS, bind mounts, …

Hobbies: Music composition, cooking, graphic design, game dev, automation, …

Volunteering: Technology Chair for the 2024 AGO National Convention, 4 years on church executive board, 3 years as treasurer of local AGO chapter

You should be ~~Colin Chan~~ *callin'* Colin Chan

colinchan@lumeh.org | HTTPS://LUMEH.ORG | San Carlos, CA