

# Logan Fouts | Python Developer

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## Summary

Junior developer with strong Python programming foundation and extensive Linux/Unix experience. Passionate about network technologies and system simulation with hands-on experience in containerization, automated testing frameworks, and CI/CD environments. Eager to contribute to 5G network simulation and testing systems while continuously learning new technologies in an agile development environment.

## EXPERIENCE

### Scale AI, Remote — AI Training Programmer

OCTOBER 2024 - PRESENT

- Optimized AI training workflows in Python and many other languages in response to AI outputs.
- Documented model limitations and solutions in high detail for long term team knowledge.

### Valley Presbyterian Church, Chagrin Falls Ohio — IT Technician/Linux System Admin

DECEMBER 2019 - JUNE 2020

- Designed and maintained Linux servers (website, document systems, etc)
- Implemented automated backup solutions with Bash/Cron reducing backup time by 40%.
- Lead the computer systems tasked with running the weekly service livestreams.

## EDUCATION

### Linnéuniversitetet, Växjö Sweden — Computer Science

September 2021 - June 2025

- Thesis: Multi-Method framework with CI/CD pipeline for near duplicate image detection written in Python.
  - Wrote CI/CD pipeline to rigorously test every commit or merge made to the main branch.
- Relevant Courses: Linux Administration, Software Testing (JUnit/Mockito/Puppeteer/Jest/Agile)

## TECHNICAL SKILLS

Linux, Proxmox | Python (Advanced), Bash, Java | Docker, GitHub Actions (CI/CD) | JUnit, Jest, Puppeteer, CI/CD Pipelines | Agile methodologies, Scrum | English (Native)

## PROJECTS

### Contrib Cal: Linux-Powered Git Contribution Tracker | Sponsored by PCBWay

- **Linux IoT system with automation** (RPI Zero W Raspbian):
  - Custom systemd services + Bash automation
  - GitHub API Integration with Python, and a web UI with HTML/CSS/JS
  - Pihole/Tailscale/Syncthing and more extensibility at the click of a button