

Finn Rutis they / them

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I run a homelab of self-hosted services on NixOS and wire LLMs into private, reproducible automation. Happiest where infrastructure, security, and AI overlap.

TECHNICAL SKILLS

Programming	Python, Nix, Bash / Shell Scripting
AI / LLM	LLM integration, Prompt engineering, Structured output (JSON), Python automation
Virtualization	Docker, VMware ESXi, KVM, VirtualBox
Networking	TCP/IP, VLANs, DNS / DDNS, NAT, Load Balancing (MetalLB), Firewall Administration (FortiGate)
DevOps & Tools	Nix Ecosystem (Flakes, Nixpkgs, Home Manager), Declarative Infrastructure, Reproducible Builds, CI/CD Pipelines, Git, GitHub, Typst
Operating Systems	Linux (Ubuntu, NixOS), Windows, macOS, iOS

EDUCATION

 **CAP21 / Molloy University**
BACHELOR OF FINE ARTS IN MUSICAL THEATRE

NYC
2022 - 2026

PROJECTS

AI-Driven Automation Pipelines

Jan 2023 – Present

PERSONAL PROJECT

Wrote Python tooling that wires LLMs into everyday work. Most of the effort went into the unglamorous part: tight system prompts and strict JSON schemas that make the output reliable enough to parse and act on without checking it by hand. Use it for data wrangling and one-off script generation.

Declarative Infrastructure & Self-Hosting Environment

Nov 2016 – Present

PERSONAL PROJECT

Run a homelab that hosts dozens of my own internet-facing services on VMware ESXi, KVM, and Docker. The whole thing is defined in NixOS and Flakes, so the setup is reproducible and I can rebuild a machine from scratch and get exactly what I had before.

Enterprise-Grade Network Architecture & Security

Aug 2019 – Present

PERSONAL PROJECT

Built and run the network behind all of this on a FortiGate firewall: separate DMZs, isolated VLANs, and MetalLB load balancing in front of the public-facing services. Nothing trusts anything by default, which keeps a problem in one corner from spreading to the rest.

Cross-Platform Systems Management (Nix)

Jun 2023 – Present

PERSONAL PROJECT

Keep my macOS and Linux machines in sync from one version-controlled repo using Home Manager and nix-darwin. New machine, one command, and it comes up with the same environment as everything else. CI checks the config before it lands.

Typst-Generated Resume System

Oct 2024 – Present

PERSONAL PROJECT

Built the system that generates this resume. It's written in Typst, and a GitHub Actions pipeline compiles and publishes several tailored variants from shared metadata, so updating a fact in one place fans out to every resume that needs it.

EXPERIENCE

Shift Coordinator

SALT & STRAW

April 2026 – Present

New York, NY

Lead a team of scoopers through the dinner rush at the West Village shop, assigning stations and reworking the plan on the fly when the line runs out the door. Train new hires, defuse the occasional guest issue on the spot, and keep cash handling, prep, and service all moving at once. The whole shift is face to face, and most of the job is deciding what happens next before it has to.

Student Ambassador

MOLLOY UNIVERSITY

October 2022 – May 2026

Rockville Centre, NY

Guide prospective students and their families around campus, sharing genuine insights into student life and academic programs. Support the admissions team with daily outreach and help run welcome events.

House & Facilities Manager

BRIDGETOWN CONSERVATORY OF MUSICAL THEATRE

October 2021 – September 2022

Portland, OR

Ran front-of-house logistics for live shows and managed daily facility operations. Handled everything from keeping the theatre and rehearsal spaces in top shape to acting as the main point of contact for patrons, renters, and building management.

Mastering Engineer

PORTLAND SPIRIT

November 2021

Portland, OR

Produced and mixed the official theme song for the Portland Spirit river cruise. Managed the audio workflow from the initial recording to the final polish, delivering a crisp, broadcast-ready track.

Lighting Designer

THE ROSETTA PROJECT

July 2021

Portland, OR

Designed and ran the lighting for a live stage production. Handled the full technical process from hanging and focusing fixtures to programming and executing cues during the run.

Video Editor & Sound Engineer

OREGON CHILDREN'S THEATRE

May 2020 – July 2020

Portland, OR

Ran on-site video and audio recording for two professional theatre productions. Managed the technical setup on recording days and edited the final footage for the theatre's digital distribution.

Video Editor – Virtual Choir

BRIDGETOWN CONSERVATORY OF MUSICAL THEATRE

April 2020

Portland, OR

Edited and synced remote audio and video from 20 isolated performers to build a full virtual concert during the pandemic lockdowns. Worked directly with the cast and director to troubleshoot tech issues and deliver a polished video on a tight deadline.