

# Finn Rutis they / them

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*Engineer with a sound background: I mix and master audio, cut video, and write the Python that ties tools together. I like turning hard technical things into clear demos, docs, and the occasional video, and I can hold a room from years on stage. Audio is where I started, so this one is personal.*

## SKILLS

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**Video Editing** Final Cut Pro, DaVinci Resolve, Premiere Pro; multi-camera capture, sync, color, delivery  
**Audio** Logic Pro, Reaper, Audacity; recording, mixing, mastering  
**Live Production** Lighting design and programming, cue calling, front-of-house operations  
**Production** Pre-production planning, on-set direction, remote and distributed recording workflows  
**Technical** Python automation, LLM tooling, Linux / NixOS, Git

## EDUCATION

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

NYC  
2022 - 2026

## PROJECTS

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### 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

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### 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. Set up and operated the camera and sound rigs on shoot days, then cut the footage and mixed the audio for the theatre's digital release.

**Video Editor – Virtual Choir**

BRIDGETOWN CONSERVATORY OF MUSICAL THEATRE

*April 2020*

*Portland, OR*

Built a full virtual concert out of 20 performers recording alone at home during lockdown. Synced and matched the isolated video, mixed the separate audio stems into one track, and worked with the cast and director to fix tech problems and hit a tight deadline.

**Mastering Engineer**

PORTLAND SPIRIT

*November 2021*

*Portland, OR*

Produced and mixed the official theme song for the Portland Spirit river cruise. Took it from raw tracking through the final master and delivered a clean, broadcast-ready cut.

**Lighting Designer**

THE ROSETTA PROJECT

*July 2021*

*Portland, OR*

Designed and ran lighting for a live stage production. Hung and focused the rig, programmed the cues, and called the show during its run.

**House & Facilities Manager**

BRIDGETOWN CONSERVATORY OF MUSICAL THEATRE

*October 2021 – September 2022*

*Portland, OR*

Ran front-of-house for live shows and handled day-to-day operations of the theatre and rehearsal spaces. Main point of contact for patrons, renters, and building management.

**Student Ambassador**

MOLLOY UNIVERSITY

*October 2022 – May 2026*

*Rockville Centre, NY*

Guide prospective students and families around campus and help run welcome events. Daily practice at reading a room and explaining things clearly to people who are new to them.