Lyra Ederington
lyra.pink | contact@lyra.pink | +1 (859) 519-9792 | Swarthmore, PA

Education

Swarthmore College   2023-2027 (anticipated)
B.A. in Linguistics
Classes taken in discrete math, statistical methods, semantics, sociolinguistics

Work Experience

Friends Historical Library | Swarthmore, PA   2025
- Working as a digital archivist to manage large collections of digital data with various (often dated) filetypes, storage mediums, etc.
- Used **Bash** and **Python** scripts to automate tasks involved in organizing and publishing collections
- Digitizing, transcribing, and writing metadata for cassette tapes containing recordings related to queer Quakers from the 1990s
- Learned philosophies, methodologies, and organizational schemes such as **DACS** used in archives
- Wrote a script using perceptual hashing to identify and automate the deletion of potential duplicate images in collections
- Used **ArchivesSpace** API to write a script to automate clearing up date formats in the database
- Wrote documentation to ensure future maintainability of scripts I created

Swarthmore College Linguistics Department | Swarthmore, PA   Summer 2024
- Created **web backend** for a web platform intended to host historical manuscripts to support paleographic research
- Used **FastAPI** and **SQLModel** ecosystem with Python along with **SQLite**
- Finished API enabled creation and management of user accounts with a permission system along with uploading and managing manuscripts

Friends Historical Library | Swarthmore, PA   2023-2024
- Transcribed and organized metadata for correspondence between historical Quakers, including John Hunt and Joshua Evans
- Looked up records of historical individuals in physical books and online databases
- Mapped travels of Joshua Evans with geographical coordinates according to journal entries
- Scanned and transcribed account book of Joshua Evans
- Consolidated resources already existing at the archive relating to Quaker women

University of Kentucky Linguistics Department | Lexington, KY   2022-2023
- Wrote scripts to automate downloading, scanning, formatting, and marking up large numbers of images and PDF files to produce text or XML files for analysis
- Uploaded XML files to a **CQPWeb** instance on UKY servers to set up an indexed **corpus** of Older Scots correspondence, accessible on the UKY network
- Analyzed corpora available online and created by me to gather data on **n-gram** frequencies over time and among sociolinguistic categories
- Used **R** to perform statistical analyses on data
- Compiled findings into a presentation given to university faculty

Other Skills and Experiences
- Created my personal website using **Rust** and the **Actix** ecosystem, deployed using **Docker**
- Significant experience on **Unix-like** systems, particularly Linux, using Arch Linux as a daily driver
- Experience in phonetic analysis using **Praat**
- Skilled at writing, including writing clear **technical documentation**
- Experience with **C**, **Assembly**, and other low- to mid-low-level technologies
- Some experience with **cryptographic** methods I have explored independently
- Very significant experience with **regex**, reading cursive handwriting, understanding historical English, and other skills from work in linguistics and archives