# Lucas Leiby

## Contact Information

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## Education

University of Pittsburgh | Bachelor of Science in Computer Science, Cum Laude, Pittsburgh, PA, 08/2022

## Skills

* Languages: Python, Java, HTML/CSS/JS
* Frameworks: Django, Flask
* DevOps/CI/CD: Docker, Nginx, Fly.IO, GitHub Actions

## Personal Projects

* Developed a Docker project for local WordPress development and deployment to production
* Created a background desktop app providing Spotify keyboard controls for screen reader users
* Built a tool to automatically patch Hearthstone for screen reader accessibility
* Deployed URL shortener for free and personal use amongst friends and family

## Work Experience

### *Prime Access Consulting | Software Developer (January 2023 - Present)*

* Built a Django + Slack app to automate internal tasks like cache clearing and policy lookup, reducing task time from minutes to seconds
* Implemented speech, volume, and rate controls for a custom accessibility keypad enabling blind users to interact with museum kiosks
* Led development of two Hugo-based companion websites providing accessible wall text and image descriptions for blind museum visitors via QR code integration
* Implemented accessibility-driven CSS updates to improve text spacing and formatting on live Hugo site based on teammate feedback
* Built Docker setup for local dev and managed company website deployments via SSH and SpinupWP, including server and Cloudflare cache handling
* Deployed client-facing Node app using Docker on a VPS, configured Nginx reverse proxy and SSL for secure access under company domain
* Deployed a Flask-based live multiple-choice game for 500+ users at conference and convention events, built and launched under tight two-week deadline
* Researched accessibility gaps in the IIIF spec and common image viewers, drafting proposed metadata enhancements to support alt text and visual descriptions
* Recovered from a production DB failure in a Rails app by resolving an unmounted Docker volume and documenting recovery steps
* Planned and triaged internal tool and web app projects, converting Slack feedback into GitHub issues with scoped estimates and dev notes