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

Technical

- Python/Django
- Java
- HTML5/CSS/Javascript
- Docker
- Fly.io
- WordPress
- Git/GitHub

Interpersonal

- Team-oriented thinker
- Active and engaged listener
- Effective Communicator
- Growth-Minded
- Effective Time Manager

Core Skills

- Writing Documentation
- Collecting Feedback
- Requirements Analysis
- Technical Writing
- Issue Tracking

Personal Projects

- A general-purpose Docker project to locally develop and deploy WordPress sites to a production-ready environment
- A background desktop app to provide screen-reader Spotify users keyboard controls
- A tool to automatically patch Hearthstone to make accessible for screen reader players

Work Experience

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

- Spearheaded solution to achieve local company website development using Docker
- Facilitated scheduled company website production deployments

- Piloted requirements gathering and development of a Django app with Slack integration to execute company workflows in automated fashion
- Deployed live, web-based game with hundreds of participants on short timeline
- Triaged and resolved critical issue surrounding production data becoming unretrievable
- Developed multiple companion websites to provide museum visitors accessible experience for in-gallery attractions
- Gained critical experience in triaging and planning projects for a more streamlined development life cycle
- Led research initiatives to make IIIF spec more accessibility aware and proposed potential solutions

Prime Access Consulting | Intern (June-August 2021)

- Pioneered introduction of software enhancements to Multitap Bluetooth keypad using CircuitPython to improve VoiceOver user experience
- Introduced synchronous audio playback to immediately allow for issuing command proceeding mode of operation changes accompanied by dynamically-interruptible auditory feedback
- Developed stronger understanding of version-control system workflows using Git in a team environment