# Lucas Leiby

## Contact Information

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## Education

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

## Skills

* Intermediate experience in Python, Django, Docker, Fly.io, WordPress, Git
* Highly experienced in writing high-level documentation, facilitating the creation of new projects, and following best repo hygiene practices
* Currently learning software architecture, design, and abstract problem solving

## Personal Projects

* A general-purpose, Docker project to locally develop and deploy WordPress sites to a production-ready environment
* A tool to automatically patch a game 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 bot to execute company workflows in automated fashion
* Deployed interactive game to production with hundreds of participants on short timeline
* Triaged and resolved issue surrounding production data becoming unretrievable upon server reboot
* Developed companion website to provide museum visitors accessible experience for in-gallery attractions
* Led research of making IIIF spec more accessibility aware and proposed workable 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 VCS workflows in a team environment

### CAPRIO | Capstone Researcher (January-April 2021)

* Proposed and adopted consideration for environmental barriers to navigational tool for a more inclusive design
* Implemented bit map representation of user preferences for more efficient storage