# Lucas Leiby

## Contact Information

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<https://www.linkedin.com/in/leibylucw/>

## Education

University of Pittsburgh | B.S. in Computer Science, August 2022

## Skills

* Possesses strong understanding of object-oriented programming concepts and design
* Intermediate: Java, Python, HTML5
* Learning: C, Rust, SQL

## Personal Projects

* Engineering Amazon Alexa skill to provide information to prospective guide dog handlers using Flask

## Work Experience

### Prime Access Consulting | Intern (June-August 2021)

* Pioneered introduction of software enhancements to Multitap Bluetooth keypad using CircuitPython
* Grasped [a]synchronous programming with audio playback
* Developed stronger understanding of VCS workflows in a team environment

### Deloitte | Summer Solution Scholar (June-August 2019)

* Enhanced team understanding of web accessibility for screen-reader users through analysis of in-house webpage per WCAG V2.1 standard
* Spearheaded implementation of responsive web design to increase user productivity cross-platform using Bootstrap
* Designed and implemented improvement to database query efficiency by producing more accurate search results with Jaro-Winkler string-comparison algorithm

### PennDOT | Engineering and Tech Intern (May-August 2018)

* Learned basic web development and voice assistant technologies
* Developed Amazon Alexa skill using C# and .NETCORE as proof of concept
* Strongly contributed to designing proof of concept through voice-user-interface model design and implementation