

## **Carter Albers**

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### **Technical Skills**

- Python
- HTML
- CSS
- JavaScript
- Adobe Photoshop
- Arduino
- Github
- Onshape
- SketchUp
- Ableton
- Adobe Illustrator
- Adobe Indesign
- Figma

### **Projects/Coursework**

Python - Programing in means of representing and manipulating information (ATLS 2270)

#### **Fall 2023 - Spring 2024**

- Developed two distinct video games from concept to completion. The first project was a basic Snake game that processes user inputs to dynamically render data and visuals on the screen. The second project was a Texas Hold'em poker game, designed to simulate real-life gameplay by allowing players to compete against other users in a virtual environment.

HTML, CSS, JavaScript - Web design and web development (ATLS 2200)

#### **Spring 2024**

- Successfully developed and launched a diverse range of websites, demonstrating my proficiency in both front-end and back-end development. My expertise encompasses a variety of technologies and frameworks, allowing me to create responsive, user-friendly interfaces while ensuring robust server-side functionality.

Onshape - Thinking and working with 3 dimensional space (ATLS 3100)

#### **Fall 2024**

- Executed 3D modeling, animation, and printing to develop rapid prototypes from the ground up. Designed and laser-cut the frame for an innovative alarm clock that requires users to solve a puzzle in order to deactivate it.

### **Education**

**B.S. Creative Technology and Design Engineering**

**Expected May 2026**

**Engineering Leadership Certificate**

University of Colorado at Boulder, Boulder, CO

GPA 3.4

### **Experience**

**Full Stack Developer Intern-** Lunch Out of Landfills, Urbana, MD

**July 2024 - Present**

- Collaborated with a team to create, design, develop, and deploy an educational web application, utilizing both front-end and back-end technologies.
- Developed and maintained user interfaces using HTML, CSS, and JavaScript.
- Incorporated UX/UI principles to take prototypes into functional, user-friendly interfaces.

**Fishing Instructor/Camp Counselor-** Bar-T Summer Camps, Urbana, MD

**June 2023 - August 2024**

- Supervised and engaged with numerous campers, creating and keeping a safe environment.
- Provided mentorship and support, identifying individual needs and facilitating personal growth.

**BarBack/Server/Busser** - Coal Fire Pizza, Frederick, MD

**October 2020 - June 2022**

- Worked through the ranks in promotion of the restaurant.
- Collaborated with others to keep a high standard of cleanliness.

### **Service**

**Special Olympics Maryland**

**September 2018 - January 2022**

- Supported athletes in tennis, bocce and kayaking, fostering inclusion and encouraging skill development.
- Collaborated to help organize and plan events with fellow coaches and volunteers