

DAN R. BRACE

(216) 319-1446 | danrbrace@protonmail.com | linkedin.com/in/dan-brace | github.com/danbrace

Energetic and driven student, pursuing a bachelor's degree in Computer Science and Engineering. Currently seeking to further improve my programming skills and gain practical experience in the tech industry by working as a software development intern. Eager to collaborate with other passionate professionals to create meaningful and lasting impact.

EDUCATION

The Ohio State University

B.S. Computer Science and Engineering

Columbus, OH

August 2021 – May 2025

- **GPA:** 3.9
- **Relevant Courses:** Software I - II, Systems I-II, Foundations I - II, Calculus I - III, Linear Algebra.
- **Academic Honors:** College of Engineering Dean's List (August 2021 - Spring 2023).

SKILLS & INTERESTS

Skills: Java, C, Python, x86 assembly, HTML/XML, CSS, Bootstrap, MATLAB, Linux, Git, GDB, JUnit.

Interests: Weightlifting, skiing, literature, generative art, history.

Languages: English (fluent), French (intermediate), Spanish (novice).

PROJECTS & OUTSIDE EXPERIENCE

Personal Portfolio Website

Personal Project

Remote

August 2023

- Developed a portfolio website to showcase my programming work.
- Website was built with HTML, CSS, and the Bootstrap framework.
- Concurrently self-taught the aforementioned technologies during development.

Pong Game

Personal Project

Remote

August 2023

- Created a basic Pong game that is played from a GUI.
- Game was programmed in C and uses the SDL2 graphics library.

Pinball Simulator

Systems I Project

Columbus, OH

February 2023 – March 2023

- Developed a pinball simulator GUI using C as a class project.
- Gained valuable experience in debugging C code with GDB.
- Learned how to implement game physics in C.

PROFESSIONAL EXPERIENCE

Adventure Sitka

Tour Guide/Deckhand

Sitka, AK

May 2023 – August 2023

- Led kayak tours on the waters of the Sika Sound.
- Gained valuable experience working on boats as a deckhand.
- Educated guests on the history, culture, and natural ecosystem of Sitka and the state of Alaska as a whole.

Cycle Alaska

Tour Guide

Juneau, AK

May 2022 – August 2022

- Led bike tours in the Mendenhall Valley and on Douglas Island.
- Held responsible for the utmost safety of guests.

Rowley Inn

Barback

Cleveland, OH

June 2021 – August 2021

- Worked as the bartenders' assistant.
- Aided in serving food, clearing tables, cleaning, stocking, etc.

ACTIVITIES & LEADERSHIP

Leadership Positions

- CSE/CSI Peer Mentor
- IFC Judicial Board

August 2022 – Present

January 2023 – Present

Extracurriculars

- Underwater Robotics Club
- Competitive Programming Club
- RallyCap Sports

August 2023 – Present

November 2021 – Present

April 2022 – Present

Organizations

- Beta Theta Pi Fraternity - Theta Delta Chapter

August 2022 – Present