Jonah Ableman

jableman@umich.edu| 214-425-4682 | linkedin.com/in/jonah-ableman | jableman19.github.io

EDUCATION

University of Michigan, College of Engineering | Ann Arbor, Michigan   Expected: April 2024
Bachelor of Engineering in Computer Science, Music Minor

PROFESSIONAL EXPERIENCE

Amazon | San Francisco, CA   May 2023 - Present
Software Development Engineer Intern
- Aiding in the development of a React Native application, serving 1,000,000+ daily users
- Running live experiments utilizing A/B testing to optimize customer experience
- Participating in agile methodology practices such as daily standups, code reviews, and extensive debugging in order to ensure a secure and structured environment

Whisker | Auburn Hills, MI   May 2022 - August 2022
Software Engineer Intern
- Contributed to a full stack internal diagnostic tool using Typescript and React, decreasing customer support times by over 50% and saving the company over $20,000 a year on external software
- Handled backend interactions using AWS for a network of over 500,000 devices, improving application efficiency and consumer experience
- Led development of a new feature from start to finish including design, documentation, and development
- Converted project codebase to use AWS CDK, creating REST API endpoints to be utilized by over 250,000 mobile devices

PERSONAL PROJECTS

CNote AR Capstone Project | Ann Arbor, MI   February 2023 - May 2023
Lead Developer/Designer
- Designed and developed an AR audio synthesizer utilizing Unity and ARKit in C#
- Collaborated with a team of 5 engineers, iterating on our ideas through testing, QA, and evaluation rounds

Stutter Speak VR | Richardson, Texas   May 2021 - August 2021
Lead Developer/Designer
- Built VR Application focused on assisting people who stutter with public speaking in Unreal Engine 4 with object oriented code practices, using C++ and Blueprint. Launched on the official Oculus store in August 2021
- Devoted 40 hours per week to various aspects of development such as coding, design, testing, and coordinating with others
- Created various systems to save and display user data, track progress over time and provide feedback, read in custom user files, and handle physics interactions

ADDITIONAL EXPERIENCE

Shift Creator Space | Ann Arbor, Michigan
Club Lead   April 2022 - Present
- Facilitated weekly organizational meetings to plan for the future direction of the club and it's members
- Acted as a leader and facilitator for mass club meetings and as a mentor to members
- Worked 10 hours a week on exciting projects within a community of highly impassioned creatives

Michigan Hackers | Ann Arbor, Michigan   August 2020 - June 2022
Vice President [Marketing]
Co-Led weekly mass club meetings of over 100+ students
- Hosted weekly meetings with leadership in order to plan and discuss future club events
- Attended weekly meetings with team members and built on each other's ideas. Contributed to the progression of the project as well as presented my own ideas in a clear and understandable fashion

ADDITIONAL INFORMATION

Skills: C++, Python, React, React Native, C#, UNIX, Typescript, AWS, Git, HTML, CSS, VS Code, Unreal Engine, Unity, Arduino
Coursework: Data Structures, Algorithms, Discrete Math, XR and Society, Foundations of Computer Science, Computer Organization, Linear Algebra