

Gabriel Bass

Email | GitHub | LinkedIn

EDUCATION

The University of Michigan — Computer Science & Entrepreneurship

Sep. 21 - Dec. 24

Data Structures and Algorithms

From sorting to binary search trees I gained a lot of foundational technical knowledge in this course.

User Interface Dev. and Mobile App Dev.

In these two classes, I worked with teams to create a complete product. Although very technical, I learned the most from our collaboration and the skill-sharing that took place along the way.

Web Systems

This was a crash course in web development including my first experiences with threading and React.

Entrepreneurial Creativity

In a team of four, I created GettaGripz, a rock climbing grip strength trainer. It was a great lesson in how to bring a physical product from design to reality in a short time period.

PROGRAMMING SKILLS

• JavaScript • HTML/CSS • C/C++ • Python • Java • SQL • ChatGPT • GitHub • VSCode •

PERSONAL PROJECTS

ProducTube Chrome Extension — view on [GitHub](#) or the [Chrome Web Store](#)

ProducTube is an extension that limits select categories of videos on YouTube, hides distracting suggested videos, and blocks YouTube Shorts for a more productive video streaming experience. ProducTube is my first published extension, and it was my motivation and opportunity to learn from scratch how to make a web product. Although it is relatively simple, I learned a lot about JavaScript in the process.

AtlasExtender Chrome Extension — view on the [Chrome Web Store](#)

This extension integrates student testimonials from RateMyProfessors and Reddit into courses on Atlas. My three teammates and I were able to implement the Reddit and OpenAI APIs for a smart solution.

GettaGripz Rock Climbing Trainer and Companion Website — view at [gettagripz.store](#)

GettaGripz is the culmination of almost a year of physical and digital prototyping with Fusion, wood, plastics, and web design. In addition, it has been a comprehensive introduction into the world of prototyping and marketing.

Art Portfolio Website — view at [gabriel-bass.com/art](#)

Made with JavaScript, HTML, and CSS, my art website categorizes and dynamically frames my artwork. This project was an opportunity to learn a lot about web design as well as display my creative endeavors.

Personal Website — view at [gabriel-bass.com](#)

My website is a product of many of my web development skills that I acquired over the past four years at the University of Michigan. I created this site to share my professional and creative life with the world.

WORK EXPERIENCE

Rock Climbing Instructor — Planet Rock (Ann Arbor)

Oct. 22 - May 23 & May 24 - Present

- Taught a comprehensive course on top rope rock climbing to beginners as a gateway into climbing
- Monitored the climbing walls to ensure safety and to perform rescues in case of emergency

Adventure Guide — Muskegon Sports Complex

Summers 2022 & 2023

- Led zipline, luge, archery, and rock climbing groups, ensuring safety and confidence in staff
- Collaborated with 10+ other guides to make our activities as enjoyable as possible
- Aided in making the zipline accessible to all types of people (including someone over 80 years old!)

Car Wash Lead — Whitehall Car Wash

2019 - 2021

- Managed money and got experience with customer service and the demands of a very physical job