

Kylee Brown

COMPUTER SCIENTIST

✉ kyleebrown.work@gmail.com

☎ +1-815-562-5624

🌐 [Personal Website](#)

I am a second-year Computer Science student interested in Machine Learning, Bioinformatics, Cloud architecture, and FullStack/Software engineering, but I would love to explore even more subfields. I am eager to get hands-on experience in assisting in research, building and testing software, computer hardware, and more. Aside from pursuing a degree in Computer Science, I have been able to comprehend numerous topics through personal projects, clients, and internships. I enjoy developing websites in my spare time and have had a couple of clients in the past 6 months.

Experience

Freelance Web Developer

2023-present

- Developed a business website for a local shop named KB's Kustomz. I utilized Javascript/JSX and chose [React](#) as the library and Tailwind as the CSS preprocessor. -->[Website Here](#)
- Tracked all elements of the development through Git using the terminal and my IDE of choice for this website was VSCODE.
- Hosting and development plan for this client is a CI/CD process through Netlify and GitHub. I currently continue to update and maintain the website with assets sent from the client smoothly with CI/CD implemented.
 - Source Code--> [Github](#)
- Developed a personal portfolio website for a client to display work done throughout college. This was an earlier website developed using pure HTML, CSS, and JavaScript. In the future, I plan to transfer this client's website to React so I can include single-page rendering for faster load times as the website holds a surplus of assets. I would also make the code more reusable and efficient. -->[Website Here](#)

Frontend Web Developer Intern

Oct. 2023- Dec. 2023

- Worked as a frontend Developer intern for an accounting firm called Harold Jean Louis or 121Innovations located in New York, New York.
- Utilized Google Meet once a week to provide deliverables of the work we had completed the week prior. Some work I did required an NDA and will not be named. I worked on websites for clients within the company and mocked, wireframed, and developed the websites.
- This internship wasn't geared exactly toward what I want to pursue in the future, as it dealt more with Content Management Systems, but I craved experience and was ultimately satisfied with my venture and hope to partake in more.

Education

High School

2020

Southern New Hampshire University

2022- 2026

- Bachelor of Science, Computer Science SWE+
- GPA: 3.27

Soft Skills

- Challenge Driven
- Punctuality
- Communication
- Time Management
- Motivated
- Eye for Detail

TECHNICAL SKILLS

Languages

	<i><u>Years of Experience</u></i>
• JavaScript	2.5
• CSS/HTML	3
• JSX	1
• Python	1

Software/Libraries

• Git Version Control	1.5
• React & Vite	1.5
• ReactRouter	0.5
• HashRouter	0.5
• Node.js	1
• Express	0.5
• Tailwind CSS	1.5
• Framer Motion	

Concepts

• REST API's	1
• CI/CD	1.5
• React State Management	1
• Single Page App	0.5
• DOM Manipulation	1.5
• Database programming	1.5

Personal Projects

- Javascript Budget Calculator [Source Code-->GitHub](#)
 - Built a calculator to track income and budget accordingly. Built using HTML JS CSS with VSCODE as the IDE. This project taught me the basics of JS.
- JavaScript Memory Game [Source Code-->GitHub](#)
 - Built a themed memory game using JavaScript, CSS, and HTML with VSCODE. This project. helped improve my iteration functions.
 - [Game Here](#)
- My own Personal Portfolio Website [Source Code-->GitHub](#)
 - Built and deployed a portfolio website to display my projects and academics. CI/CD process is utilized especially while I'm still working on the skills page
 - [Website Here](#)
- Weather Web Application [Source Code-->GitHub](#)
 - Web application built to get weather information on any location. I used weather API in this project to fetch the data and display it on the page. This helped me learn the fundamental concepts behind REST API's.
- Python Regression Analysis on US Opioid Deaths [Source Code-->GitHub](#)
 - Analytical Data Models representing US Opioid Death rates
 - Goal:
 - predict the death rate for 2021
 - Find which method was most useful:
 - 1 Linear Regression
 - 2 Polynomial Regression
 - 3 Polynomial regression (splitting data set)