Kylee Brown

COMPUTER SCIENTIST

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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--> *<u>Github</u>*

- 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

Years of Experience

- 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.

- 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)