

# Kylee Brown

## COMPUTER SCIENTIST

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🌐 [Personal Website](#)

I am a 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, as well as my current job as a support specialist. I enjoy developing websites and completing projects in my spare time and have had a couple of clients in the past 6 months.

## Experience

### Front End Support specialist Tier I | Dealer E Process

*April 1st 2024 -present*

- Experience in code interjection
- Experience using a ticket CRM
- Handling customer relations
- CSS, HTML, JS, PHP,
- Google Meets/chats
- CI/CD Development Process
- utilize CMS
- 3rd party code integration

### Freelance Web Developer

*2023-2024*

- 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](#)

### 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

*2016- 1010*

### Southern New Hampshire University SNHU

*2022-2026*

- Bachelor of Science, Computer Science SWE+
- GPA: 3.39

## Core Classes Taken

- Intro To Programming
- Discrete Mathematics
- Applied Linear Algebra
- Structured Database Environments
- Object Oriented Programming

## Soft Skills

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

## TECHNICAL SKILLS

### Languages

Years of Experience

• JavaScript	3
• CSS/HTML	3
• JSX	2
• Python	2

### Software/Libraries

• Git Version Control	2
• React & Vite	2
• ReactRouter	1
• Matplotlib	1
• Node.js	1
• Express	1
• Tailwind CSS	2
• Framer Motion	2

### Concepts

• REST API's	2
• CI/CD	2
• React State Management	1.5
• Single Page App	2
• DOM Manipulation	2
• MySQL	2

## Personal Projects

### • BLOG API [Source Code-->GitHub](#)

- CRUD REST API Project for Blog Style Applications Node.JS Express.js MYSQL2 -Nodemon and Tested with Postman.
  - Asynchronous functions
  - SQL Database Querying
  - Routing

### • Python Regression Analysis on US Opioid Deaths

- Analytical Data Models representing US Opioid Death rates
- Goal: [Source Code-->GitHub](#)
  - predict the death rate for 2021
  - Find which method was most useful:
    - 1 Linear Regression
    - 2 Polynomial Regression
    - 3 Polynomial regression (splitting data set)

### • 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.

### • 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](#)