

# Kylee Brown

## COMPUTER SCIENTIST

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🌐 [Personal Website](#)

I am a Support Specialist as well as 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. Once finished with undergrad, I hope to pursue further education opportunities within my Field.

## 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 (OOP)
- Software Development LifeCycle \*IP (SDLC)

\* in progress

## Soft Skills

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

## TECHNICAL SKILLS

### Languages

Years of Experience

• Java	1
• JavaScript	3
• CSS/HTML	3
• JSX	2
• Python	2
• C++	1

### Software/Libraries

• Git Version Control	3
• React & Vite	2
• ReactRouter	2
• Matplotlib	1
• Node.js	1
• Express	2
• Tailwind CSS	2
• Pandas	2
• Flask	1

### Concepts

• REST API's	2
• CI/CD	2
• React State Management	3
• Object Oriented Programming	1
• DOM Manipulation	3
• Database (MySQL, PostgreSQL, Supabase)	2

## Personal Projects

### • Astronoical Data Plotter FullStack Web App (Beta)

[FrontEnd Source Code-->GitHub](#)

[BackEnd Source Code-->GitHub](#)   [Website Here](#)

- CRUD REST API with Python Flask combines with a ReactJS Frontend to create this **Full Stack** Astronomical Data Plotter Web Application (ADT)
- role: Software Engineer/Developer
  - Developed a CRUD API to communicate with the frontend for secure database querying
  - SQL Database Querying paired with supabase API -- [View Schema](#)
  - **Partner:** Austin Zickur --> [LinkedIn](#)
  - CI/CD Netlify and render

### • 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

### • 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](#)

### • 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)

### • 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.