




CHRISTIAN HART

SOFTWARE ENGINEER

CONTACT

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 Tucker, GA

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 [My GitHub Profile](#)

 [My LinkedIn Profile](#)

SKILLS

- JavaScript
- React.js
- Node.js
- HTML
- CSS
- Java
- Python
- Flask
- MySQL
- Git and GitHub
- Figma
- Docker

EDUCATION

B. S. in Computer Science

Georgia State University

May 2023

B. A. in Philosophy

Georgia State University

December 2022

PROFILE

I am a software engineer with a strong technical skill set, a passion for delivering high-quality software solutions, and a dedication to continuous learning. As a results-driven and motivated computer science graduate, I continuously strive for professional growth by staying abreast of the latest industry trends and best practices. I am passionate about solving complex problems and leveraging emerging technologies to drive positive change. An effective communicator and engaged team player, I thrive in dynamic environments that foster creativity and innovation and am adept at collaborating with teams to deliver solutions that exceed expectations.

PROJECTS

UniRoute - Route Planning App for Commute Scheduling

Built with JavaScript, React JS, Python, Flask, MySQL, and CSS • A comprehensive, single-page, full-stack web application designed to enhance commuters' travel planning experience

- The project integrates Google Maps' Directions API throughout its design, embedding it within an intuitive interface, allowing users to set routes directly on the application's interactive map.
- Persistence of user data is maintained with a MySQL database hosted on Amazon Web Services, enabling individuals to save routes to their profile page's weekly itinerary and providing users with one-click access to their preferred routes.
- The back-end is built with the Python Flask framework to handle data processing and manage server-side functionalities as well as integrate with other components of the application.
- To achieve a cohesive user experience, CSS styling has been applied on the client side interface to ensure consistent branding and a visually pleasing aesthetic throughout the application.
- the UniRoute application has been deployed using Docker, ensuring consistent app access across different environments, with all dependencies and configurations encapsulated within a containerized image.
- Built by a team of three software engineering students, designing UniRoute involved strategic planning, consistent communication and collaboration, active learning and adaptability.
- By building UniRoute with an Agile development plan and extensive unit testing, I gained valuable experience in project management and the utilization of a range of technologies, building and deploying a scalable, full-stack application, and implementing third-party APIs.

Creature DB - Database Management App for Veterinary Clinics

Built with JavaScript, Python, Flask, MySQL, HTML and CSS • A database management application for record keeping and organization in veterinary clinics

- Leveraging MySQL and Python Flask, Creature DB enables the storage and editing of medical information pertaining to clinic patients.
- The application's front-end web interface was meticulously crafted using Vanilla JavaScript, HTML, and CSS. This interface provides access to both healthcare professionals and pet owners, facilitating smooth navigation and interaction
- Building Creature DB has strengthened my skills in creating dynamic, full-stack web applications with adaptable technical knowledge and teamwork.