FREDERICK SCHUCK

Software Engineering

704-886-7392 | fredschuck@gmail.com | linkedin.com/in/fredschuck | github.com/fredschuck

TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript, Swift
Web Development: HTML, CSS, SASS, React, Bootstrap
Back-End Technologies: NodeJS, Express, Flask, MongoDB, PostgreSQL, MySQL
Testing and Tools: JUnit, Git, VS Code, Postman, Android Studio, Eclipse

PROJECTS

Seaglass | *SASS, Gulp*　　　　　　　　　　　　　　　　　　　　　　October 2023 – Present
- Developing a CSS library for implementing glassmorphism design, enhancing user interface aesthetics and creating visually appealing and modern web applications.

RoutineRanger | *Python, Flask, PostgreSQL, Jinja, HTML, CSS, Git*　　　　August 2023 – Present
- Developed a full-stack web application using Flask with Bootstrap as the front-end
- Implemented features and database logic to allow users to create and track their daily routines

BarHive | *Python, Flask, PostgreSQL, Jinja, HTML, CSS, Javascript, Git*　　April 2023 – May 2023
github.com/WormWaffles/Forum-Project
- Designed 100% of the user interface and experience
- Implemented features and database logic to allow user ratings of businesses
- Collaborated with a team using Git repositories to ensure efficient project management and timely delivery of features

EDUCATION

University of North Carolina at Charlotte　　　　　　　　　　　　　　　GPA: 3.3
Bachelor of Science in Computer Science, Minor in Business　　　　　*August 2018 – Present*

EXPERIENCE

Instructional Assistant　　　　　　　　　　　　　　　　　August 2022 – December 2022
University of North Carolina at Charlotte　　　　　　　　　　　　　　*Charlotte, NC*
- Provided one-on-one assistance to students during office hours, helping them debug code, understand concepts, and develop problem-solving strategies
- Graded assignments and exams that tested students' understanding of data structures and their ability to implement them in code
- Acquired a deeper understanding of data structures and algorithms, which has prepared me for applying them to real-world software engineering challenges

Owner, Tradesman　　　　　　　　　　　　　　　　　　　　June 2018 – April 2023
MODL House　　　　　　　　　　　　　　　　　　　　　　　　　*Charlotte, NC*
- Managed all aspects of the business, including sales, marketing, finance, and operations, to ensure profitability and growth (useful in understanding the business context of software projects)
- Strong analytical and problem-solving skills, having resolved complex issues in the field
- Organized and trained a team of contracted employees, ensuring quality workmanship and customer satisfaction
- Excellent communication and interpersonal skills, demonstrated in building long-lasting relationships with customers, suppliers, and employees

Endoscopy Technician　　　　　　　　　　　　　　　　　August 2015 – January 2019
Carolina Digestive Health Associates　　　　　　　　　　　　　　　*Charlotte, NC*
- Demonstrated strong attention to detail by ensuring that all equipment was properly sanitized and maintained
- Worked well under pressure by prioritizing tasks, managing time effectively, and turning over rooms in a prompt and efficient manner, helping procedures stay on schedule
- Aided the physician during procedures by offering thoughtful and experienced opinion