

Charles Sewell Jr

Github: <https://github.com/cjsewell07>

Phone: (817) 812-7280

Email: charlessj4107@gmail.com

LinkedIn: [linkedin.com/in/cj-sewell-32a4a4199/](https://www.linkedin.com/in/cj-sewell-32a4a4199/)

Software Developer with around 2 years of experience facilitating cutting-edge engineering solutions. Provides the ability to build interactive and user-centered application designs, while focusing on overall system architecture, development, and administration.

RELEVANT SKILLS

Python

C++/C

HTML/CSS/JS

ReactJS

Ruby on Rails

PROFESSIONAL EXPERIENCE

Lynntech Inc. / College Station, TX

Firmware Software Developer

August 2022–Present

- Designed and implemented electrically interfaced systems that involve using Python, C, C++, SQL, and Flask servers.
- Installed and programmed a Graphical User Interface to interact with microcontrollers to meet client needs.
- Time management skills were utilized to meet project deadlines with expectations.

Personal Projects

Personal Portfolio / College Station, TX

Full Stack Developer

- Currently designing a web application that uses Three.js, JavaScript, and HTML.
- Models were developed in Blender to use within the Three.js framework.

Bot Used to Web E-Trade

Full Stack Developer

- Creating a web application that uses APIs to monitor and make decisions in the stock market.

WASPET

Computer Engineer

- Designing a hexapod that can transition into between ground and aerial mode.
- Using knowledge of modeling and 3D printing to print the exterior protective casing.

Automatic Knife Sharpener

Hardware and Software Engineer

- Designed and implemented a device that uses multiple sensors to sharpen a knife with the help of user input.

Ol'Ags Organization

Software Engineer

- Used the knowledge of CI/CD workflow to accomplish the client's idea of a web application to manage club members.
- Developed a feature to create determine admin privileges and secured authentication, using PostgreSQL

Occupotty

Hardware and Software Engineer

- Worked with a team of engineers to create a web application used to manage and determine vacant or occupied bathroom stalls, in advance.

Texas A&M University / College Station, TX

B.S. Computer Engineering

May 2022