TAI SEWELL
SOFTWARE ENGINEER

LinkedIn - Tai Sewell
Github - Tai Sewell
Tai.sewell2026@gmail.com

Projects

TaskTrackr - To-Do List Web Application
React | FastAPI | MySQL | Docker | Github
- Developed a **full-stack** task management app with secure user authentication using **JWT**.
- Implemented **task creation, editing, deletion**, and **completion tracking** with checkbox UI.
- Built **RESTful API** endpoints using **FastAPI** and connected them to a **MySQL** database.
- **Containerized** frontend, backend, and database using **Docker** and managed them with **Docker Compose.**
- Applied authentication logic, error handling, and **token-based** session management to support a scalable **microservice architecture**.

Personal Portfolio Website
React | Tailwind CSS | Vercel | Github
- Developed a fully responsive personal website to showcase projects, skills, education, and experience.
- Implemented a sidebar navigation, animated profile section, and dynamic project cards.
- Added GitHub and LinkedIn links, a downloadable resume, and a mailto contact button.
- Deployed the site using Vercel for fast, reliable hosting and global accessibility.

Steam game Price/Revenue Prediction Models
Machine Learning 1 Capstone Project | Austin Community College
- Developed **ensemble & decision tree regression models** with the ensemble using **Linear Regression** as the **meta-model** for final predictions
- Conducted comprehensive **Exploratory Data Analysis (EDA) &** Performed **data preprocessing**
- Integrated **multiple base learners**, to enhance prediction **accuracy** through **stacking**
- Evaluated model **performance** using metrics such as **RMSE** and R^2

Education

BAS in Software Development - Austin Community College - Austin, TX
Expected Graduation Date: December 2026

AAS in Computer Programming - Austin Community College - Austin, TX
January 2022 to December 2024

Skills/Coursework

Technologies: React, Node.js, FastAPI**,** Docker, GitHub, Jupyter Notebook, Jira, VSCode
Languages: Python, Java, C++, JavaScript, MySQL
AI/ML Tools: scikit-learn, ensemble modeling, model evaluation
Advanced Coursework: Data Structures & Algorithms, System Analysis & Design, Machine Learning, Computational Thinking, Computer Ethics, Operating Systems, Cloud Computing

Experience

Sales Associate/IT Role
Urban Euphoria CBD
August 2023 to Present
- **Sales & Customer Service:** Drive sales, address customer needs, and resolve issues to build strong relationships and loyalty.
- **Website Management:** Maintain and update the website, ensuring smooth functionality and user experience for over **300+** customers a **month.**
- **Collaboration** with Leadership

Division 1 Football Athlete
Abilene Christian University
August 2021 to December 2021
- Built **resilience** and **adaptability**
- Enhanced **teamwork** and **collaboration,** Developed **leadership** and **communication skills**