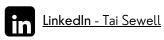
TAI SEWELL

SOFTWARE ENGINEER





Github - Tai Sewell



Tai.sewell1@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 navbar navigation, animated profile section, and dynamic project cards.
- Added GitHub and LinkedIn links and a downloadable resume.
- 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