

AUSTIN TRICQUET

WEB DEVELOPER

CONTACT

Website: austintricquet.com
Github: github.com/AustinTricquet
Location: Greenville, SC

ABOUT ME

While building my first application in Python, I quickly realized that I was hooked on software development. As I grew in knowledge and experience, I loved every challenge each project presented. What started with "Hello World" has turned into a full-fledge passion that only gets more exciting as the years go by.

EDUCATION

Auburn University
B.A. Industrial & Systems Engineering
Class of 2018

Continuing web development education
through online classes

PROJECTS

COIN PORTFOLIO

austintricquet.com/coin-portfolio

Track performance and manage crypto assets in a non-custodial wallet aggregator application. Built with React, Redux, 3box, Firebase and Ethereum smart contracts.

Using web3.js to communicate and execute smart contracts on Ethereum blockchain to read and update data for the portfolio feature.

Using Axios and APIs to provide a live search suggestion feature for researching and tracking crypto assets.

Working with 3box and IDX to bring decentralized identity to Coin Portfolio for user authentication and user privacy features.

HUNNY PERSONAL BUDGET APP

austintricquet.com/hunny-budget-app

Hunny is a personal budget app proof of concept. Designed to replace ugly, complex spreadsheets into a sleek and intuitive UI. Built using Angular and Firebase.

SHAW INDUSTRIES PAYROLL APP

austintricquet.com/payroll-app

Built weekly payroll and financial reporting software for Shaw Industries. Built using Python, Django, Javascript, jQuery, HTML, CSS, Bootstrap, PostgreSQL.

Built to replace an insecure, multi-workbook excel based payroll system for 300+ employees.

Used Django to implement user authentication and an admin panel to manage users and edit employee data.

Used a local PostgreSQL server to store previous payroll information and to autosave progress on each new data entry.

RGB COLOR GAME

austintricquet.com/rgb-color-game

Color matching game, where the player is presented text of a RGB color and has to match the color with the correct option on screen. Built using HTML, CSS, and Javascript.

WORK EXPERIENCE

SHAW INDUSTRIES

Industrial & Systems Engineer June 2018 - Present

Created a payroll application using Python and Django to replace an insecure excel based payroll system.

Created a google sheet dashboard to store manufacturing production data and to analyze performance using embedded SQL queries.

Creating annual and quarterly budgets for capital projects and operations for three manufacturing plants.

Analyzing the cost and viability of new and ongoing capital projects ranging upwards of \$500K.

Managing the performance of ten ongoing annual projects saving the company \$800k in total.

Developed an approved business case to procure larger equipment, increasing the throughput of material of a manufacturing process and saving \$58K annually.

Actively managing supply room daily operations and projects to improve the supply room system.

WESTROCK

Engineering Intern May 2014 - December 2015

Learned basic SQL and wrote queries to collect data for downtime reports given to upper management.

Worked on a team tasked with gathering and analyzing data downtime data for early implementation of reliability engineering practices and predictive analytics and maintenance at WestRock.

CERTIFICATIONS

React Web Development 101 | Full Stack Web Developer Bootcamp | Greenbelt in Lean Six Sigma
Ethereum Smart Contract Programming 101 | Agile Fundamentals: Scrum, Kanban, and Scrumban
Leadership Education and Development