Tristan Huckabee

Software Engineer

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SKILLS

Programming Languages : Javascript **|** Python **|** Java
Databases : SQL **|** SQLite3 **|** PostgreSQL
Web Technologies : HTML **|** CSS **|** React **|** Redux
Misc : Git **|** Github **|** AWS **|** Docker **|** Postman **|** Mocha **|** Chai **|** Node.js **|** Express **|** Flask **|** Sequelize **|** SQLAlchemy
Soft Skills : Communication, Coaching and Mentoring, Collaboration, Conflict Resolution, Agility, Critical Thinking

PROJECTS

CityPop | [Live](#) **|** [Code](#)
*A website for buying and selling electronics / accessories, built with **React, Alembic, Docker, SQLAlchemy** and **Flask***
- Leveraged the state management of Redux to streamline React components and optimize form data management, resulting in improved load times.
- Managed 3rd-party cloud storage to efficiently store and retrieve images and music files within a multi-tenant database architecture

Maze Castle | [Live](#) **|** [Code](#)
*A simple maze visualizer, built with **HTML, CSS,** and **JavaScript***
- Utilized an iterative approach to depth-first and breadth-first graph traversals resulting in a Linear Space Time Complexity.

EXPERIENCE

Software Engineering Instructor

App Academy, June 2022 - Current
- Trained and mentored 300+ experienced and inexperienced Software Engineers on Computer Science Fundamentals, Problem Solving, Data Manipulation, and Project Development.
- Contributed improvements to curriculum content such as clarity of concepts, documentation, and material to benefit a wider range of learning styles.
- Proactively maintained and expanded an up to date understanding of current technologies and software methodologies.

Security Supervisor

Securitas Security Services USA, Aug 2014 - Dec 2021

EDUCATION

App Academy - Full Stack Web Development Immersive Course (Dec 2021 - June 2022)
- Rigorous 1000+ hour software development course with <3% acceptance rate
- Experienced 300+ hours of pair programming
- Topics: Test Driven Development (TDD), scalability, algorithms, Object Oriented Programming (OOP), REST, security, single-page apps and web development best practices

Strayer University
- Pursuing a Bachelor of Science in Information Technology | Major in Software Development | Minor in Cybersecurity
- Topics: Networking, Object Oriented Programming (OOP), Computer Architecture, Network Security, SQL, IT Security Administration, Common Criteria