Colin Santee

Software Engineer

Colin James Santee

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colinjsantee.com

Profile

Creative and technically minded developer inspired by software solutions with significant societal impact. Passionate about projects in web engineering, mobile applications, and full-stack development.

Experience

GoTab, Inc.

Software Developer   May 2022 – Present

- Independently lead design, development, and delivery to production multiple third-party software integrations including solutions for fraud detection and data driven business intelligence
- Develop new components with intuitive UI design, implemented across multiple products
- Collaborate with customer-facing teams to identify client needs and resolve errors

Trinisys

Java Developer Intern   Jun 2021 – Aug 2021

- Improved internal tool for database comparison and update generation as well as designed Swing GUI for key features.
- Developed programmatic JUnit tests for core product features
- Designed and implemented new product features including a custom stylesheet editor

Lipscomb University

Assistant Resident Hall Director   Aug 2019 – May 2022

- Served as head-RA for a team of 11 resident assistants overseeing 350+ residential students

Teaching Assistant   Aug 2020 – May 2022

- TA and tutor for computer science courses, including Object-Oriented Programming, Data Structures and Algorithms, Competition Programming, and Database Management

Notable Projects

Nissan PQE Reserve   Aug 2021 – Dec 2021

Developed a mobile application for Nissan North America's PQE (Parts Quality Engineering) team to manage their pool car reservations.

- Networked Docker containers for React Native app on Expo, React admin page, NodeJS backend, PostgreSQL Database

Brewable (brewableapp.com)

Personal project developing iOS app for coffee brewing. Designed to capture and improve your coffee brewing experiences.

- Ruby on Rails REST API with JWT authentication, AWS bucket integration, and RSpec unit tests. React Native iPhone app and React web app

DormLife   Jan 2021 – May 2021

Project lead for team of four students that developed a web platform for university residence-life programs, allowing residents to sign in and out of their dorms.

- Ruby on Rails and React full stack application with React Native mobile app for iPhone and Android

Education

Software Engineering, B.S.   07/2018 – 05/2022

Lipscomb University

- Graduated top of class in College of Computing and Technology

Skills

React, React Native, Ruby on Rails, NodeJS, PostgreSQL, HTML, CSS, Git, Docker, REST APIs

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