

Wendell Rodrigues

www.wendell.info

SF Bay Area

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(408) 755-5468

EDUCATION

Bachelor of Science | San Jose State University | San Jose, CA | Graduated: 2021

- ♦ **Major:** Industrial Technology (Computer Electronics and Network Technology)
- ♦ **Minor:** Business Administration
- ♦ **Courses:** Machine Learning, Network Theory and Applications, Automation/Control, Blockchain Applications, Humanities Honors Program, Data Structures in Java, Discrete Mathematics
- ♦ **Distinctions:** Multiple semester Dean's Scholar Distinction, Technology Program Outstanding Graduate of the Year
- ♦ **Honors:** Epsilon Pi Tau Technology Honors Society (Rho Chapter) General Member

TECHNICAL SKILLS

: JavaScript Java Python SwiftUI React.js Docker AWS

EXPERIENCE

TiVo Corporation | San Jose, CA | Software Engineer Intern

2019

- ♦ Took ownership of and provided support for more than 40 existing internal API endpoints
- ♦ Designed and architected serialized REST API endpoints to empower operations employees to increase service reliability.
- ♦ Decreased troubleshooting time by implementing a user interface that visualizes service conditions
- ♦ Proposed, designed, and implemented a Slack bot that provides status information for 30 vital internal processes

Hapi Networks | San Jose, CA | Co-Founder

2016 - 2017

- ♦ Coordinated, interviewed, and led multiple multinational teams in the creation of a minimum viable product
- ♦ Designed user interfaces and application functionality
- ♦ Coordinated with patent attorneys to submit a provisional and non-provisional patent
- ♦ Devised marketing strategies, including research by conducting face-to-face surveys
- ♦ Handled administrative tasks including forming an LLC, and drafting and signing multiple contracts

PROJECTS

Project Retail Senior Capstone | San Jose State University | Team Lead / Software Lead

www.projectretail.net

2020 – 2021

- ♦ Led a team of four in the successful proposal, completion, and presentation of a four-part hardware + software system
- ♦ Took ownership of, designed, and implemented an iPhone & iPad App to utilize iBeacon ranging to track user location
- ♦ Designed and launched an API using Node.js + Express.js, Docker, and Amazon AWS
- ♦ Coordinated the design, soldering & implementation of an Arduino web server-controlled shelf system circuit

Drone Landing Pad | San Jose State University | Software Lead

2019

- ♦ Led a team of four in designing and proposing an automated drone landing pad for an automation class
- ♦ Implemented an Arduino-based solution with ultrasonic and RFID inputs for gathering data and authorizing drones
- ♦ Designed and implemented a real-time dashboard solution using React.js that utilized a web socket connection
- ♦ Coordinated and brainstormed with our hardware team to create a 3-D printed model to house all hardware components