

# JASON STEPHEN

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## EDUCATION

### The University of Texas at Austin

May 2020

*Cockrell School of Engineering*: B.S. in Electrical and Computer Engineering [Software Track]

*McCombs School of Business*: Minor in Business Foundations

## WORK EXPERIENCE

### Sareli Systems

Austin, TX

*Product Management Intern | Front-End Programmer*

September 2018 - Present

- Detailed new product metric goals and created specifications based on game analytics.
- Aided in the programming of a front-end **React** web productivity application.
- Developed UI/UX story boards for upcoming software features, projected to raise revenue by 1%.

### Cisco Systems

Richardson, TX

*Software Engineering Intern*

May 2018 - August 2018

- Implemented a Grafana API to sync information from the Google Cloud Platform to a **Python** Flask WebApp.
- Created a **Linux Bash** script to output **Docker/Kubernetes** data, reducing startup times by approximately **75%**.
- Composed and executed a test plan of over 85 tests for a BroadWorks feature implementation.

### Cocolevio, LLC.

Austin, TX

*Software Engineering Associate*

August 2017 - April 2018

- Aided in product design of a software-as-a-service (SAAS) applications for popular restaurant branches.
- Created a Dockerized Python Flask application using REST API.
- Redesigned company website facilitating front-end languages like HTML, CSS, and **JavaScript** (Angular).
- Utilized back end frameworks such as **DynamoDB**, Node JS, and SQL.

## PROJECTS

### Embedded Systems Game Design Project

March 2017

- Designed, programmed, and debugged a custom game using C and Thumb-2 ARM.
- Operated embedded systems using a TM4C123G LaunchPad.
- Implemented a digital LCD screen display and audio outputs through an 8-bit DAC.
- Assembled digital inputs (buttons) and analog inputs (potentiometer, joystick).

## LEADERSHIP EXPERIENCE AND ACTIVITIES

### Texas Club Tennis, On-Court Division Officer

August 2018 - Present

- Coordinated tournaments, driving/housing operations, and tryouts for a club of over 150 members.

### Prosper/Frisco Tennis Academy, Head Instructor

May 2015 - April 2018

- Organized and instructed the city's tennis program.
- Led classes of over 40 children and adults.

## ACHIEVEMENTS

- Boosted Engineering Science and Technology Robotics Finalist 2016.
- USTA Tennis Qualified Player and Prosper High #1 Player 2015.
- UIL State Superior Tuba Soloist 2014.
- American Masters Martial Arts Tournament Winner 2014.

## ADDITIONAL INFORMATION

**Programming Languages**: Java, C++, C, Python, Docker/Kubernetes, Git

**Front-End**: React, JavaScript, HTML, CSS

**Back-End**: MongoDB, DynamoDB, NodeJS, SQL