

Zachary Stence

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Experience

Software Engineer

Jan 2020–Present

USAA

San Antonio, TX

- Guide my team with strong **frontend** technology, **testing**, and **accessibility** experience.
- Efficiently **lead** a 3rd party team in different timezones working on our legacy systems.
- Design and create a modernized, improved version of a browser tool used by USAA customer service representatives.
- Work closely with product owner to implement required functionality with new technology.
- Design new solutions to manage technical debt in legacy systems.
- Serve as On-Call to support our systems and quickly achieve return-to-service during outages.
- Quickly adapted to the enterprise tech environment and began meaningful work immediately.
- Completed a comprehensive 11-week frontend training program covering **React**, **Redux**, **HTML/CSS**, **Accessibility**, and other technologies.

Co-Founder

Jun 2021–Present

Sprocket

- Sprocket is a brand new open-source platform for esports league management.
- Co-lead the growing team of developers and support personnel, develop new functionality for both the frontend and backend, and help design infrastructure level items like our database schema and micro-service architecture.

Software Development Intern

Jun 2019–Aug 2019

Emerson Automation Solutions

Round Rock, TX

- Worked on the **DevOps** team to enhance developer productivity and support development of Emerson's premier distributed control system software, DeltaV.
- Created several thoroughly unit tested **C#** programs using Visual Studio 2019 to automatically collect metrics and information about the DeltaV codebase and publish them to a **SQL** database.
- Developed a thoroughly unit tested **ASP.NET Core** website to host information from a SQL database.
- Participated in daily stand-ups, sprint plannings, sprint retrospectives, and all other team meetings.
- Presented my work at the end of my internship to all Emerson technology employees.

Research Assistant

Oct 2018–May 2019

Texas State University Department of Computer Science

San Marcos, TX

- Worked under Dr. Vangelis Metsis to implement a text classification model that analyzed sentiment in tweets.
- Wrote quality **Java** code that could be quickly adapted corresponding to our sponsor company's requirements.
- Achieved reliable classification of tweets in both English and Italian.

Undergraduate Researcher

May 2018–July 2018

Wright State University

Dayton, OH

- Researched the viability of using wearable devices as a means of user authentication with a teammate.
- Implemented a **machine learning** model in **Python** to classify a stream of data from an accelerometer.
- Achieved reliable classification of same-user vs. different-user according to walking pattern.
- Presented my research to other REU students and several professors from Wright State University.

Skills

Languages: TypeScript/JavaScript, HTML, CSS, SCSS, Java, C++, Python

Frameworks: React/Redux, Svelte, Jest, Testing Library, Spring Boot, Kafka

Software: VS Code, IntelliJ IDEs, Linux, Postman, Docker

Education

Bachelor of Science in Computer Science (Computer Engineering)

Graduated Dec 2019

Bachelor of Science in Applied Mathematics

San Marcos, TX

Texas State University

- GPA: **3.93**
- Dean's List: All semesters