Zachary Stence

San Antonio, TX, 78240 — (512) 507-2612 — zachstence@gmail.com
linkedin.com/in/zachary-stence — github.com/zachstence

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