

# Zachary Steen

San Antonio, Texas, USA — +1 (210) 725-1871 — [zsteen13@gmail.com](mailto:zsteen13@gmail.com)  
<https://zacharysteen.com> — <https://linkedin.com/in/zsteen13> — <https://github.com/zsteen13>

## EXPERIENCE

### USAA, San Antonio — *Full-Stack Software Engineer*

SEP 2021 - PRESENT

Building functional UI components and high-scale backends for our new enterprise CRM app. Debugging and supporting 99% availability distributed systems while on-call. Working on a large, diverse team with developers, designers, and business experience owners. Contributed to our instance-based security system. Delivered large annual savings by creating an admin tool for job-role-capability configurations. *JavaScript (React/RTL, Redux, Express), Java (Spring Boot/JUnit, JBoss, Kafka), HTML, CSS, AWS, Git, Jira, Splunk, Elastic, Datadog, Postman, SQL, GraphQL, Couchbase, Kubernetes (Helm), Docker, Envoy L7 Proxy*

### USAA, San Antonio — *Software Engineer Intern*

MAY 2020 - AUG 2020

Created reusable integration/testing code snippets for common use cases of the *Enterprise Disclosure Widget* UI Component, leading to fewer help tickets opened by consumer devs. *JavaScript (React/RTL, Redux), HTML, CSS, Git, Jira*

### Atriecon SDG, San Antonio — *Software Developer*

MAY 2019 - AUG 2019

Migrated and modernized legacy tools and batch jobs, drastically improving process efficiency for an architecture firm handling multi-million dollar construction projects. *C/C++, AutoCAD*

## PROJECTS

### [WatchExchanger.com](https://WatchExchanger.com) — *SaaS Web App*

Companion app for Reddit's r/WatchExchange community (352k users), sends members instant notifications via SMS/email. *AWS SES/SNS/SQS/Lambda/DynamoDB, React JavaScript, Stripe Webhooks, Reddit API*

### [TAMU EH Participation Tracker](#) — *Web App*

An event attendance tracker commissioned and used by the Engineering Honors org at Texas A&M University. *Ruby on Rails, Heroku*

## EDUCATION

### The University of Texas, Austin — *Master of Science in Computer Science*

AUG 2021 - MAY 2024

3.90 GPA, with a research focus on ML/DL/RL/NLP. *Python, PyTorch, TensorFlow, C, Java, AWS, LaTeX*

### Texas A&M University, College Station — *Bachelor of Science in Computer Engineering*

AUG 2017 - MAY 2021

3.86 GPA, with a research honors distinction and minors in business and mathematics. *C/C++, Java, Python*

## ACCOMPLISHMENTS

### AWS Certified Cloud Practitioner

Passed the official AWS exam in 2023.

### Texas A&M Engineering Showcase

**Finalist** Selected out of 200+ teams as an outstanding project, receiving a cash award and encored to Texas A&M Engineering corporate sponsors.

**National Instrument Scholar Award**  
Academic/merit scholarship awarded by National Instruments in 2020.

**Herman F Heep, Robert M Kennedy '26 Endowed, and Shari and Carlton Smith Scholarships Recipient** Three academic/merit scholarships awarded by Texas A&M Engineering in 2019/2020.