

Zachary H. Steen

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Education:

University of Texas, Austin, Texas

Fall 2021 - Now

- Master of Science in Computer Science, currently enrolled

Texas A&M University, College Station, TX

May 2021

- 3.866 GPA
- Bachelor of Science in Computer Engineering (Electrical Track)
- Minors in Business and Mathematics
- Engineering Honors student, Dean's Honor Roll, Departmental Awards and Scholarships

Work Experience:

Software Engineer III at USAA, San Antonio, TX

Summer 2021 - Now

- Java API engineer, rapid prototyping and iterative development via testing driven development
- Spring Boot and JBoss microservice design and support for enterprise
- React JavaScript, Redux frontend component development and maintenance for enterprise apps

Information Technology Intern at USAA, San Antonio, TX

Summer 2020

- Worked on an Agile software development team to develop bank software for 10 weeks
- Created a demo web app for my team's API using the React JavaScript framework
- Completed a capstone presentation and presented to 50 of my peers and colleagues

Intern at Atricon SDG Commercial Architecture and Engineering, San Antonio, TX

Summer 2019

- Drafted and designed commercial buildings in AutoCAD on 11 projects with a team
- Created details of electrical, mechanical, structural, civil, and plumbing parts
- Experienced interdisciplinary engineering process from design to implementation

Skills:

Frameworks:

- Frontend: React Javascript with Redux (Enzyme/Jest testing), with certification
- Backend: Spring Boot and JBoss based Java API design (JUnit/Mockito testing)
- Full-Stack: Ruby on Rails (with PSQL, SQLite3 DB, RSpec/Capybara testing), Django

Languages:

- C/C++/C#, Java, Python, JavaScript, Ruby, SQL, CSS, HTML, MATLAB, LabView, Bash
- Verilog HDL, Cadence, Synopsys, Spice, Assembly, Unity

Tools:

- Agile Methodology, Jira, GitHub, Heroku, AutoCAD

Volunteer Work:

Aggies Beyond Campus, College Hills Elementary, College Station, TX

2018 - 2019

- Founder, president, and recruiter of organization
- Classroom assistant to teachers at College Hills Elementary School 2 hours each week

John 15 Group Leader at Saint Mary's Catholic Center

2018 - 2019

- Facilitated discussion and mentored a group of 11 for two semesters, leader in service/social events

Big Event Site Leader for Bryan/College Station Service Event

Spring 2019

- Led a group of 10 A&M students to work together in community service