

Zachary H. Steen

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Education:

Texas A&M University, College Station, TX

May 2021

- 3.873 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:

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 Atriecon 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:

- Ruby on Rails (with PSQL, SQLite3 DB, RSpec and Capybara testing), full stack experience
- ReactJS with Redux (Enzyme and Jest testing), frontend experience with certification
- Django, full stack experience

Languages:

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

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 freshmen at A&M
- Served as a leader in service/social events over two semesters

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
- Managed tools and logistics to efficiently and thoroughly completing site work

MacTeach Tutor, Oak Grove Elementary, San Antonio, Texas

2016 - 2017

- Managed tutor center, teaching for at-risk 4th and 5th graders/tutored during lunch break
- Member of Burma Outreach Project, hosting and supporting Rohingya refugees of genocide