

# Jose Gerardo Garza

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## EDUCATION

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**Texas A&M University** – College Station, Texas

Expected: Dec 2020

Bachelor of Science in Computer Science

Minor: Mathematics | Game Development

GPA: 3.66/4.0

Relevant Coursework: Machine Learning, Software Engineering, Human Computer Interaction, Microcomputing

## WORK EXPERIENCE

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**Texas A&M Engineering** - Texas A&M University

August 2019 – December 2020

Teaching Assistant - Data Structures & Algorithms | Computer Architecture

- In charge of running and teaching material in lab sessions for 24 students
- Hold office hours to aid student with programming concepts beyond labs
- Helping develop and grade project assignments

**CBRE** - Dallas, Texas

Summer 2019

Software Engineering Intern

- Developed a QA Automation framework, in C#, responsible for testing web applications using Nunit, Specflow, and Saucelabs to allow non-programmers to create personal test scripts
- Integrated cloud-based testing to allow cross-platform parallel tests in different OS's and devices
- Contributed towards an active client-facing website with an Angular fronted and ASP.NET backend

Residents Life - Texas A&M University

May 2017 – May 2019

Engineering Resident Advisor - Engineering Community of Scholars

- Coordinated over four educational programs per month involving 60 residents
- Completed 90+ hours of training for crisis management, counseling advice, and community building

## RELEVANT EXPERIENCE

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**Spacecraft Research** - Texas A&M University

May 2017 – August 2018

System Architecture Programmer

- Helped develop back-end structures for a real-time VR simulation platform
- Developed physical properties that help govern the simulated worlds
- Simulated various space mission concepts and trainings with support of NASA

IOS Development Bootcamp – London App Brewery

Summer 2018

- Created and marketed IOS apps, including replicas of popular apps

## LEADERSHIP

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Freshman Leaders Advancing in Service and Honor - Texas A&M

May 2016 – May 2018

Mentor

- Plan events for over 80 freshmen in weekly staff meetings with intentions of teaching leadership skills through campus, community, and academic involvement
- Dedicated to serving greater good by instilling excellence, friendship, service, leadership and honor in our freshmen, through public speakers, activities, and hands-on experience

## SKILLS

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Proficient Languages: C/C++, C#, Java, Python, R, Swift, HTML, MatLab

Technologies Used: AWS, OpenGL, ASP.NET, Angular, Unit Testing, SpecFlow, Saucelabs. P5.js

Online Completed Courses: Angular 8 Guide, ASP.NET, Selenium, Mastering Unity VR, Blender

Awards: Texas Aggie Scholarship, College of Engineering UG Scholarship, Tapia Conference Scholarship