

EDUCATION

Texas A&M University, College Station, TX **May 2022**
Bachelor of Science in Computer Engineering **GPA: 4.0/4.0**
Enrolled in the Engineering Honors Program (~10% of engineering students)

SKILLS

Languages: Proficient in Python, Java, C++, JavaScript, HTML5, CSS3, LaTeX

Tools/Frameworks: ReactJS/Redux, Spring MVC

Other: Proficient in Microsoft Office Suite

WORK EXPERIENCE

Software Development Engineer Intern (AFE) - Amazon Seattle, WA – Summer 2019

- Worked with the Vendor Selection team to develop a full stack project that utilizes Java, Spring MVC, ReactJS, and Redux to provide a user-friendly interface to query numerous APIs
- This Amazon Future Engineers (AFE) program selects only 100 freshmen and sophomore students from all across North America; it requires a competitive, technical application and interview process
- Gained experience working in a large-scale, agile work environment; regular sprint meetings and design reviews for projects were commonplace

PROJECTS

Personal Website: jamescuaderes.github.io

- Assembled a basic personal website for myself using ReactJS, HTML5, and CSS3
- Outlines the relevant courses I have taken and my general career interests

AI Tic-Tac-Toe

- Developed deep learning and machine learning algorithms that learned to play the game Tic-Tac-Toe against a human
- Utilizes python, TensorFlow/Keras, Scikit-Learn, a deeply connected neural network, and a decision tree classifier to develop the algorithms

AI Snake

- Developed, as a team, a deep learning algorithm with TensorFlow that can play the game Snake

RESEARCH

Deep Learning for Non-Volatile Memories

- Ongoing research project under the supervision of Prof. Anxiao (Andrew) Jiang that utilizes deep learning neural networks to attempt to improve data storage techniques

ORGANIZATIONS

Aggie Coding Club

- A student organization devoted to developing programming skills
- Teaches members the importance of teamwork and communication through group projects

MSC Aggie Leaders of Tomorrow

- A Freshman Leadership Organization (FLO) on campus devoted to molding young freshman into involved student leaders
- Entry to this organization is competitive, requiring an extended application and interview process

HONORS/ACHIEVEMENTS

National AP Scholar- Award given to high school students that score a 4 or higher on 8 or more AP exams (2018)

Haggerty Math/Science Award- A \$1500 scholarship at my high school given to students that exhibit outstanding leadership skills in math, science, and community service (2015, 2017)