

James Cuaderes
(214)772-3312 linkedin.com/in/jamescuaderes jamescuaderes@gmail.com

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)

EXPERIENCE

Facebook **May – Aug 2021**
Software Engineer Intern Menlo Park, CA

- Upcoming internship for the summer of 2021

Amazon **May – Aug 2020**
Software Development Engineer Intern Virtual due to COVID-19

- Joined the Amazon ReCommerce organization, a team dedicated to efficiently handling millions of damaged or returned items from the Amazon store
- Designed and implemented a new inventory ingestion workflow to onboard Amazon FBA clients
- Utilizes various cloud native AWS tools such as Lambda and Step Functions to deliver dynamic, scalable solutions to real-world inventory management problems

Amazon **May – Aug 2019**
Software Development Engineer Intern Seattle, WA

- 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
- Gained experience working in a large-scale, agile development environment; sprint-planning 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

- Implemented a system of adversarial deep learning neural networks to learn to play the game of Tic-Tac-Toe completely from scratch
- Utilizes Python and TensorFlow to implement the adversarial networks that engaged in self play to generate new training data

PyARMv8 Processor and Assembler

- Created a Turing complete ARMv8 single-cycle processor and assembler from scratch in Python3
- Utilized object-oriented design principles with modular classes for processor components

SKILLS

Languages: Python, Java, C++, ARMv8 Assembly, JavaScript, Verilog, LaTeX

Tools/Frameworks: ReactJS/Redux, Dagger, Spring Boot

HONORS AND 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)