

Adrian Shi

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EDUCATION

TEXAS A&M UNIVERSITY

BS IN COMPUTER SCIENCE

Minor in Mathematics

Engineering Honors

August 2019 - PRESENT | College Station, TX

Cum. GPA: 4.0 / 4.0

COURSEWORK

TEXAS A&M

Software Engineering I

Machine Learning

Operating Systems

Computer Architecture

CODEPATH

Intro to App Development

Technical Interview Prep

SKILLS

PROGRAMMING

C++ • Java • Python • HTML • CSS •
Javascript • React • NodeJS • MongoDB
• SQL • Agile • Docker

AWARDS

President's Endowed Scholarship

Lockheed Martin STEM Scholarship

HCA Scholarship

Cargill Global Scholarship

IBTTA Scholarship

CLUBS

Google Developer Student Club

Society of Asian Scientists and Engineers

International Collegiate Programming

CERTIFICATES

JP Morgan Virtual SWE Program

JP Morgan Investment Banking

EXPERIENCE

IMPROVING | SOFTWARE ENGINEER

August 2021 - Present | College Station, TX

AMERICAN EXPRESS | FULL STACK ENGINEER

Jun 2021 - Aug 2021 | Phoenix, AZ

- Converted desktop application to mobile app using React
- Implemented API with Spring boot Framework

TEXAS A&M ENGINEERING | TEACHING ASSISTANT

Aug 2020 - PRESENT | VIRTUAL

- Worked with students and professors to improve course curriculum
- Provided feedback on assignments, held office hours and reviews

PAYCOM TECHNOLOGY SUMMER ENGAGEMENT PROGRAM

June 2020 - July 2020 | VIRTUAL

- Two week bootcamp covering basics in React, C#, DevOps, Databases, and Application security

ACTIVITIES / LEADERSHIP

SOCIETY OF ASIAN SCIENTISTS AND ENGINEERS | OFFICER

August 2020 - May 2021 | College Station, TX

- Raised over \$1000 from ticket sales to formals and over \$1400 from various profit shares, fundraisers, and football games
- Planned designed, and executed multiple cultural and professional organizational events

HUMAN INTELLIGENCE LANGUAGE AND TECHNOLOGY LAB | UNDERGRADUATE RESEARCHER

May 2019 - July 2019 | TX

- Worked on iSpy project using Python where the goal was to program a humanoid robot to recognize and learn objects, and recognize keywords in a given description

PROJECTS

SORTING VISUALIZER | GITHUB

- Built React / Redux application for visualizing sorting algorithms
- Implemented Merge Sort, Quick Sort, Heap Sort, Bubble Sort, and Insertion Sort

PATHFINDING VISUALIZER | GITHUB

- Built React application to visualize path-finding algorithms including Dijkstra's and DFS on weighted, and unweighted graphs
- Implemented maze generator using recursive division

KRUSTY KRAB | GITHUB

- Developed POS system hosted on AWS, built with Java and PostgreSQL
- Provides recommendations based on customer order history
- Updates menu pricing based on demand and availability of item