

ZHUO CHEN

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EDUCATION

Texas A&M University

B.S. in Computer Science

2020 - 2024

GPA: 4.0/4.0

- Courses: Discrete Structures for Computing, Linear Algebra, Multivariable Calculus

PROJECTS

StockBot

September 2020

- Developed a Discord bot to facilitate the discussion of trading and investing for college students on Discord
- Forecasted stock prices using a **LSTM** model trained with data from Alpha Vantage API
- Returned real-time stock information by scrapping data from Yahoo Finance with **BeautifulSoup**
- Developed using **Python** and **Tensorflow**

CLearn

July 2020

- Compiled data from the 5000 most frequent Chinese characters data-set to help users learn and test their Chinese character recognition level
- Developed using **MongoDB**, **Express**, **ReactJS**, and **NodeJS**

Algorithms Library

April 2020

- Created a library of 17 popular algorithms and data structures that appear frequently in programming contests
- Implemented all algorithms using **C++**

Wolf Programming Invitational Contest

February 2020

- Coordinated and planned an annual programming contest with 150+ high school participants to encourage involvement in computer science
- Designed, wrote, and solved problems in the packet
- Assisted with event management and judging
- Formatted packet in **LaTeX**, wrote solutions in **Java** and **Python**

LEADERSHIP & INVOLVEMENT

Aggie Coding Club

September 2020 - Present

Project Manager, Developer

- Created a web application that notifies students when filled courses are available during class registration, saving time and maximizing the chance for students to get a filled course
- Delegated project tasks and roles to 17 members based on individual strength and interest
- Tracked project performance to analyze the completion of short and long-term plans
- Developed using **MongoDB**, **Express**, **ReactJS**, **NodeJS**, and **Python**

Computer Science Club

August 2019 - June 2020

Senior Executive Officer

- Led teams to win at multiple programming competitions including Lockheed Martin CodeQuest
- Planned and judged a regional programming contest with 150+ participants to encourage involvement in computer science
- Lectured on advanced algorithms and data-structures that appear frequently in programming contests

ACHIEVEMENTS

- 1st Place Frozen Eagle Invitational Contest 2020
- 2nd Place Lockheed Martin CodeQuest 2020
- 2nd Place UTD Invitational Contest 2020
- 2nd Place Frisco FirstBytes 2019
- AP Scholar with Distinction

SKILLS & INTERESTS

Technical Skills: Proficient in Python; Familiar with Java, C++, ReactJS, NodeJS, Git, LaTeX

Soft Skills: Bilingual Communicator (English, Chinese), Initiator, Resourceful

Interests: Artificial Intelligence, Competitive Programming, Investing