

Chase Albright

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EDUCATION

Texas A&M University
Computer engineering with math minor

College Station, Texas
Class of 2024

EXPERIENCE

Aspire Commodities

Quantitative developer/trading

Houston, Texas

September 2023 – Current

- Built out algorithmic trading operations from scratch and developed strategies for trading on ICE and CME
- Developed machine learning models/pipelines for predicting performance of S&P and various commodities
- Utilized C++ and other performant technologies to build low latency trading strategies on various exchanges

Capital One

Software engineering intern, Financial Technologies Team

Plano, Texas

June 2023 – August 2023

- Created a full stack application to optimize and manage AWS costs and save millions in cloud expenses
- Worked on a team of 5 interns to deliver production quality code weekly for a high impact project
- Developed with Python, React, Java, and AWS to deliver a solution that thousands of developers use to reduce costs

Fidelity Investments

Software engineering intern, Personal Investing Team

Westlake, Texas

June 2022 – August 2022

- Developed with Java, Angular, NodeJS, GraphQL, and DynamoDB to create a full stack application
- Worked in an agile scrum environment to deploy production quality code quickly and accurately
- Learned specialized skills such as deployment automation with Jenkins, designing scalable and reliable APIs, implementing SSO within an application, and using data structures to process large amounts of data

Data Gumbo

Software engineering intern, Blockchain Team

Houston, Texas

May 2021 – August 2021

- Created a backend tool to remove blocks from the blockchain that were created during unit testing
- Developed primarily with Golang, React, and MongoDB to develop blockchain software
- Worked in a fast-paced environment of a Series-A start up

4-Tower Capital Management

Software engineering intern

Houston, Texas

June 2020 – August 2020

- Fixed bugs that were causing issues for customers and administration
- Used technologies such as Angular, SQL, and CSS to add features to a production level web application
- Reached out to suppliers and customers to solve account problems

Genscape-Wood Mackenzie

Data analyst intern, Tesla Product

Sugarland, Texas

May 2018 – August 2018

- Developed a machine learning algorithm to automate the process of tracking Tesla car production
- Used technologies such as Python, TensorFlow, Pandas and other machine learning tools to develop the program
- Analyzed data and prepared a report for customers that forecasts production and stock performance of Tesla

PROGRAMS AND LEADERSHIP

Texas A&M Trading, Risk, and Investments Master's Program

Student

College Station, Texas

January 2023 – Current

- Specialized graduate program for trading energy and commodities

Finance Using Software and Engineering (FUSE)

Officer, Founding member

College Station, Texas

May 2022 – Current

- Technical lead for a quantitative finance club that teaches members about trading as well as developing projects

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: JavaScript, C++, Golang, Python, React, Angular, MongoDB, SQL, NodeJS, AWS, Java, GraphQL, High frequency trading, Algorithmic trading, Predictive analysis, Trading operations.

Interests: Software development, quantitative trading, machine learning, entrepreneurship, commodities markets