Chase Albright

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EDUCATION

Texas A&M University — College Station, Texas
Computer engineering with math minor — Class of 2024

EXPERIENCE

Exxon Mobil — Houston, Texas
Global trading analytics intern — May 2024 – August 2024
- Utilized Python, Snowflake, and Databricks to build pipelines and run large scale analytics
- Contributed to a web-based trading analytics platform used by the Global Trading Division of Exxon

Aspire Commodities — Houston, Texas
Quantitative developer/trading — September 2023 – May 2024
- Built out algorithmic trading operations 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 — Plano, Texas
Software engineering intern, Financial Technologies Team — 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 — Westlake, Texas
Software engineering intern, Personal Investing Team — 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 — Houston, Texas
Software engineering intern, Blockchain Team — 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 — Houston, Texas
Software engineering intern — June 2020 – August 2020
- Fixed bugs that 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 — Sugarland, Texas
Data analyst intern, Tesla Product — 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

Aggie Club of Engineers — College Station, Texas
Member — May 2022 – Current
- Student organization that participates in social, professional, and service events

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: JavaScript, C++, Golang, Python, React, Angular, MongoDB, SQL, NodeJS, AWS, Java, GraphQL, Low Latency Technology, Algorithmic Trading, Predictive Analysis, Trading Operations.

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