Chase Albright

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EDUCATION

Texas A&M University
College Station, Texas

Computer engineering with math minor
Class of 2024

EXPERIENCE

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

Soft Interaction Lab
College Station, Texas

Undergraduate research assistant
January 2022 – May 2022

- Worked with Raspberry Pi computers as well as other circuit components to develop project hardware
- Developed with python and Flask to write code for the hardware and to develop custom Amazon Alexa skills
- Researched on a small academic team that prepared weekly reports while also enrolled in 14 academic hours

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

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

Student
January 2023 – Current

- Specialized graduate program for trading energy and commodities

Finance Using Software and Engineering (FUSE)
College Station, Texas

Officer, Founding member
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
Activities: Lunches of Love, League of Champions, The Big Event, Mentorship
Interests: Software development, quantitative trading, machine learning, entrepreneurship, commodities markets