

Milaan Dahiya

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EDUCATION

University of Texas at Austin

GPA: 3.52 / 4.00 – Bachelor of Science in Computer Science

Aug. 2020 – May 2024

Austin, TX

EXPERIENCE

Adonis Auto Group

Software Development Intern

Jun. 2021 – Aug. 2021

Arlington, TX

- Built a custom front-end in React for iDMS, Adonis's current Dealer Management Software
- Worked with the collections team on-site to build the front-end around their workflow
- Served as inspiration for the Golgos project

Texas Convergent

Incubator Team

Sep. 2021 – Present

Austin, TX

- Texas Convergent connects founders to engineers and designers to help build, add features, and scale products

Texas Association for Computing Machinery

Member

Aug. 2021 – Present

Austin, TX

- The Association for Computing Machinery is a UT chapter of the national ACM
- ACM holds events that serve its members and the community, and is focused on the advancement of computer science studies and research, furthering computing as a profession and a science

Texas Venture Capital Group

Member

Aug. 2021 – Present

Austin, TX

- Through lectures, discussions, guest speakers, and competitions, Texas Venture Capital Group hopes to give students better access to resources for careers in venture capital

Texas Undergraduate Computational Finance

Member

Sept. 2021 – Present

Austin, TX

- Texas UCF is a student-run organization that manages a portfolio of equity and equity options
- The investing team takes a holistic approach in evaluating potential investments, analyzing from fundamental, quantitative, and technical perspectives

PROJECTS

Golgos DMS | AWS Lambda/Cognito, Node.js, Express.js, MySQL, TypeScript, React

Jul. 2021 – Present

- Full Dealer Management System (DMS) to help automobile dealerships with inventory, customers, and more
- Golgos is a serverless web application with user authentication managed by AWS Cognito
- Built a RESTful API deployed on AWS Lambda to retrieve data from a MySQL database with customer/vehicle info
- User interface built using React and Material UI framework that provides a better UX than any existing DMS

Algotrader | Python, pandas, Docker, Coinbase API, TD Ameritrade API

Jul. 2020 – Present

- Server-side program to trade securities and cryptocurrency
- Derived alphas based on technical analysis and price indicators
- Stock trader has generated over a 100% return, 4x the S&P 500, to date in paper trading
- Cryptocurrency trader also generated a positive return in paper trading in a variety of different cryptocurrencies
- Sent automatic messages with the summary of trader's daily performance

HONORS AND AWARDS

OpenAI Codex Challenge Top 500 Prize Winner (over 5,000 contestants)

Aug. 2021

Certified Microsoft Technology Associate in Python and Java

May 2019

TECHNICAL SKILLS

Languages: Java, C, Python, TypeScript, JavaScript, SQL, HTML/CSS

Libraries: Tensorflow, React, pandas, NumPy

Frameworks: Material UI React, Node.js, Express.js

Tools: Git, Shell, Linux, MySQL, Docker, AWS, Microsoft Excel, Adobe Photoshop & Premiere Pro