Milaan Dahiya

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EDUCATION

University of Texas at Austin — Aug. 2020 – May 2024
GPA: 3.1 / 4.0 – Bachelor of Science in Computer Science, Minor in Entrepreneurship

EXPERIENCE

Southern Methodist University — Jun. 2023 – Aug. 2023
Data Science Intern — *Dallas, TX*
- Simulated a dance studio with Intel RealSense depth cameras in Nvidia Omniverse
- Tested different camera configurations in Omniverse to optimize real world camera configuration
- Created a custom program using the Intel RealSense library to sync and record from multiple RealSense depth cameras simultaneously

IBM — Jun. 2022 – Aug. 2022
Backend Developer Intern — *Austin, TX*
- Maintained Kubernetes operator code for the CloudPak for Watson AIOps product
- Patched Kubernetes clusters to test changes to reconcilers, custom resources, ConfigMaps, and more
- Optimized CI/CD pipeline in Travis CI, automating certain developer workflows and speeding up build times

Adonis Auto Group — Jun. 2021 – Aug. 2021
Software Engineer Intern — *Arlington, TX*
- Custom front-end in React for iDMS, Adonis's current Dealer Management Software, through iDMS APIs
- Worked with the dealership collections team on-site to build the front-end around their workflow
- Served as inspiration for the Golgos project

PROJECTS

Capitol Capital | *React, Flask, Node.js, Nginx, Docker, MySQL, AWS*
- Website to track politician's stock holdings and committee membership
- Data accessible via RESTful API made in Flask
- Dockerized frontend and backend hosted on AWS EC2 instance

Algotrader | *Python, pandas, Docker, Coinbase API, TD Ameritrade API*
- Python program to trade securities and cryptocurrency
- Derived alphas based on technical analysis and price indicators
- Generated automatic reports with the summary of trader's daily performance

Golgos DMS | *AWS, Node.js, Express.js, MySQL, TypeScript, React*
- Full Dealer Management System to help automobile dealerships with inventory, customers, and more
- User interface built using React and Material UI framework
- Serverless web application hosted on AWS Amplify
- RESTful API deployed on AWS Lambda to retrieve data from a MySQL database with customer/vehicle info

HONORS AND AWARDS

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

Certified Microsoft Technology Associate in Python and Java

SKILLS

Languages: Java, C, Python, Go, TypeScript/JavaScript, MySQL, HTML/CSS
Libraries: React, React Router, Tensorflow, pandas, NumPy
Frameworks: Nginx, Node.js, Express.js, Material UI React
Tools: Git, Shell, Linux, Kubernetes, Docker, AWS, Microsoft Office, Adobe Suite