

ANTHONY TRAN

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EDUCATION

The University of Texas at Dallas, Richardson, Texas

Estimated: 2022-2025

Bachelor of Science in Computer Science, Junior

GPA: 3.81/4.00

Relevant Coursework: Discrete Math, Computer Architecture, Data Structures, UNIX, Software Engineering, Operating Systems

TECHNICAL SKILLS

Programming Languages: Java, Python, Javascript, C++, SQL, HTML, CSS, C

Libraries: Pandas, NumPy, Matplotlib, scikit-learn, Tensorflow, React.js, NPM, Bootstrap

Software: MS Excel and Word certification, Adobe Illustrator/Photoshop, Unity, Blender

Tools and Platforms: Linux(Kali), Git, Jupyter Notebook, VS Code, LaTeX

PROJECTS

Face Recognition Full-Stack Project (React, Javascript, HTML, CSS, Express, SQL)

Fall 2023

- Developed a responsive Full Stack website with functional sign in page UI.
- Implemented a search bar that takes any image URL and detects where each face is in the image through Clarifai API.
- Utilized React.js, HTML, Javascript, and CSS used to build the frontend project and hosted on github pages.
- Designed a backend PostgreSQL server to keep track of user data. Server is hosted using Express.js.

API Frontend Project - Front End Project (React, Javascript, HTML, CSS)

Fall 2023

- Developed website project to display and filter unique profile cards for a given list of users imputed from selected API.
- React.js, HTML, Javascript, and CSS used to build the frontend project, hosted on github pages.

Portfolio Analysis Application - Machine Learning (Python, Pandas, Scikit-learn)

Spring 2023

- Built a Machine Learning Python Project to provide stock insight for beginner investors.
- Optimized a standard LSTM neural network through hyperparameter optimization to narrow down variances.
- Leveraged Yahoo API to collect live dataset and utilized Pandas to construct experimental graphs.
- Matplotlib, Pandas, Scikit-learn used to build a LSTM neural network.

Social Navigation Robot Project - Machine Learning (Python, OpenCV)

Spring 2022

- Worked on programming a robot to recognize a person's walking trajectory and purposefully intercept their path.
- C++, OpenCV, and Linux used to code. The scientific paper was written in LaTeX.

ACTIVITIES

Artificial Intelligence Society - Projects Group Member

Spring 2023

- Project group focused on learning basic machine learning principles and frameworks to build an application that solves real world problems.

Autonomous Robots Research Stream - Freshman Researcher

Spring 2022

- Researched robot autonomy and machine learning according to physical changes and position in the surrounding landscape.

EXPERIENCE

Benq - Marketing Analytics Intern

January 2024 - Present

- Developed and coordinated components for promotional campaign pages on Benq.com website.
- Managed data for Benq backend system.
- Researched target audience and market trends.

Dallas Independent School District Test Development - Data Technician

May 2022 - Dec 2023

- Programmed Javascript code to automate relaying emails from Google Sheets File.
- Managed and organized data files.
- Oversaw math department part-time team.

Chipotle - Crew Member

Jan 2022 - May 2022

- Managed line and kitchen operations, and assisted with customers.