Aaditya Srinivasan

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EDUCATION

Texas A&M University   College Station, TX
Bachelor of Science in Computer Science, Minor in Mathematics. GPA – 3.931   *Aug. 2022 – May 2026*

EXPERIENCE

Information Technologies Intern   June 2022 – Present
Bray Internationals   *College Station, TX*
- Developed AI Sentimental Analysis Tool for the entire company to use on all applications which would send Sentimental Data to Servers for use using Azure Cognitive Services
- Automated back-end processes using Python and Powershell with Power Automate
- Finished Backlog Tasks for the Business Intelligence Department which ranged from creating Power BI reports with DAX and SQL Queries to Developing efficient Queries for Data Warehouse

Information Technologies Technician   Sep. 2018 – Present
Aadamsoft   *Houston, TX*
- Worked with IT Professionals to develop Network and Hardware Solutions for Businesses
- Created PC for the local hospital and solved Firewall issues for clients
- Backed up data for multiple different clients on with newly created servers

The Unmanned 12th Man   September 2023 – current
Texas A&M University   *College Station, TX*
- The Texas A&M 12th Unmanned Team is competing in the AutoDrive Challenge II, a four-year contest sponsored by General Motors and SAE, focusing on autonomous vehicle development.
- Working on a Chevy Bolt EUV provided by GM, and they are tasked with creating a level-4 autonomous vehicle by tackling computational, electrical, and mechanical challenges.

PROJECTS

Face Identifier | *OpenCV2, Python, Machine Learning, PyQt5, Git*   2023
- Engineered a Python program using OpenCV2 and machine learning for facial detection, integrated with a PyQt5 GUI
- Designed to assist professional photographers, like "RajBose Photography" and "HGFilms", in organizing photos by grouping them based on detected faces
- Developed collaboratively with a colleague using Git and Github for version control

Satisfaction Detector | *OpenCV2, deepface, Python, Power BI, DAX, Git, SQL*   2023
- Engineered a program utilizing OpenCV2 and deepface, leveraging a Convolutional Neural Network to accurately classify 7 distinct human emotions
- Efficiently records and logs unique customer faces' satisfaction via the device's camera, transferred from a database into PowerBI using DAX for intuitive data visualization
- Implemented continuous delivery using TravisCI to build the plugin upon a new release
- Collaborated with stakeholders to suggest features and gather feedback about the program

Personal Website | *HTML, JavaScript, CSS*   Current
- Crafted and developed a personal website showcasing professional accomplishments, skills, and information for potential employers done

TECHNICAL SKILLS

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

Frameworks: React, Web Dev Tools: HTML, CSS, JavaScript

Database: SQL, MySQL, PostgreSQL, Cloud Services: Azure

Tools: Git, BI: Power BI, DAX, IDEs: VS Code, PyCharm

AWARDS

Certificate of Coding For Medicine, Certificate of Mastery of Excel (Houston Community College)