

# Aaditya Srinivasan

281-414-7381 | [aaditya.srini@tamu.edu](mailto:aaditya.srini@tamu.edu) | [aadityasrinivasan.github.io/PortfolioWebsite](https://aadityasrinivasan.github.io/PortfolioWebsite)

## EDUCATION

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<b>College Station</b> <i>CPCS</i>	3.931
<b>Texas A&amp;M University</b> <i>CPCS</i>	0.00
<b>Houston Community College</b> <i>CPCS</i>	0.00

## EXPERIENCE

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<b>Information Technologies Intern</b> <i>Adamsoft</i>	June 2023 – August 2023 <i>College Station, TX</i>
<ul style="list-style-type: none"><li>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</li><li>Automated back-end processes using Python and Powershell with Power Automate</li><li>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</li></ul>	
<b>Information Technologies Technician</b> <i>Adamsoft</i>	Sep. 2018 – Present <i>Houston, TX</i>
<ul style="list-style-type: none"><li>Worked with IT Professionals to develop Network and Hardware Solutions for Businesses</li><li>Created PC for the local hospital and solved Firewall issues for clients</li><li>Backed up data for multiple different clients on with newly created servers</li></ul>	
<b>The Unmanned 12th Man</b> <i>Texas A&amp;M University</i>	September 2023 – current <i>College Station, TX</i>
<ul style="list-style-type: none"><li>The Texas A&amp;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.</li><li>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.</li></ul>	

## PROJECTS

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<b>Face Identifier</b>   <i>OpenCV2, Python, Machine Learning, PyQt5, Git</i>	2023
<ul style="list-style-type: none"><li>Engineered a Python program using OpenCV2 and machine learning for facial detection, integrated with a PyQt5 GUI</li><li>Designed to assist professional photographers, like "RajBose Photography" and "HGFilms", in organizing photos by grouping them based on detected faces</li><li>Developed collaboratively with a colleague using Git and Github for version control</li></ul>	
<b>Satisfaction Detector</b>   <i>OpenCV2, deepface, Python, Power BI, DAX, Git, SQL</i>	2023
<ul style="list-style-type: none"><li>Engineered a program utilizing OpenCV2 and deepface, leveraging a Convolutional Neural Network to accurately classify 7 distinct human emotions</li><li>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</li><li>Implemented continuous delivery using TravisCI to build the plugin upon a new release</li><li>Collaborated with stakeholders to suggest features and gather feedback about the program</li></ul>	
<b>Personal Website</b>   <i>HTML, JavaScript, CSS</i>	Current
<ul style="list-style-type: none"><li>Crafted and developed a personal website showcasing professional accomplishments, skills, and information for potential employers done</li></ul>	

## TECHNICAL SKILLS

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**Languages:** continuous delivery, Java, Power BI, Git, Python, Azure, JavaScript, Excel, data visualization, Machine Learning, React, SQL, machine learning

**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

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