

TEJAS SINGHAL

(517) 303-8279 | singhalt@tamu.edu | [linkedin.com/in/tejas-singhal/](https://www.linkedin.com/in/tejas-singhal/) | College Station, TX

EDUCATION

Texas A&M University, College of Engineering

College Station, TX

September 2024 - May 2026

- MS in Computer Science
- Coursework: Machine Learning, Software Engineering, Analysis of Algorithms

Michigan State University, College of Engineering

East Lansing, MI

September 2020 - May 2024

- BS in Computer Science, Minors in Business and CMSE
- GPA: 3.866/4.00, Dean's List: Fall 2020 – Fall 2021, Fall 2022 – Spring 2024; Honors College
- International Tuition Grant Award, Presidential Study Abroad Scholarship, SpartaHack 8 Winner, EV Scholar

EXPERIENCE

Department of Computer Science at Michigan State University

East Lansing, MI

Undergraduate Learning Assistant for Algorithmic Thinking and Programming

September 2023 - May 2024

- Led biweekly class and help rooms for 40+ business students, leveraging previous computer science knowledge to clarify challenging concepts, enhance overall class performance, and introduce innovative teaching methods

Ascent Cloud LLC

Detroit, MI

Full Stack Software Development Intern

May 2023 - August 2023

- Collaborated as a full stack developer within an Agile team of 8 to develop and maintain LevelEleven, a top 5 sales gamification software available on Salesforce
- Spearheaded automated email functionality with React, JavaScript, CSS, and Apex, delivering feature 2 months ahead of schedule, enhancing user engagement and decreasing team workload
- Developed 5+ test cases, simulating diverse usage scenarios and addressing all edge cases, ensuring feature readiness for customer-facing product release

Delta Dental of Michigan

Okemos, MI

Robotic Process Automation Bot Developer

December 2022 - April 2023

- Upgraded company's 3 most used UiPath bots to the latest version, implementing code enhancements including variable integration, dynamic code implementation, and optimization
- Monitored Orchestrator queues on VMware, identifying 2 critical errors affecting 3 major company bots, contributing to early detection and ensuring seamless operation for 1000+ customers
- Introduced variables in GFP Bot (Go Full Page), reducing task completion time by 60% through comprehensive understanding of other bots and collaborative efforts with a team of 2

Department of Computer Science at Michigan State University

East Lansing, MI

Undergraduate Research Assistant

May 2022 - July 2022

- Researched and tested methods of modeling DNA sequence evolution into a phylogenetic tree using UNIX-based systems to determine accuracy and practical application in real-world scenarios
- Presented research poster to showcase methodology and results at Mid-Sure symposium

PROJECTS

PDF Analyzer for United Airlines (Capstone Experience at Michigan State University)

December 2023

- Built a web application, revolutionizing auditing processes and reducing audit time from 5-6 hours to under 10 minutes, resulting in substantial cost reductions and improved operational efficiency
- Orchestrated a team of five to construct a full-stack web application, assuming leadership in front-end development with ReactJS and establishing seamless integration with a Flask API for easy communication with AWS
- Collaborated on both frontend and backend development, leveraging AWS, NLP, and Pandas, while managing version control through Git

SKILLS

Programming Languages: Python, C++, Java, JavaScript, React, Apex, HTML, CSS, C

Software: AWS (AWS Certified Cloud Practitioner), Salesforce, UiPath, VMware, Jira, Git, Docker, Flask

Other: Machine Learning, Web Development, Data Structures and Algorithms, Object-Oriented Programming