

Nishanth Gandhe

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EDUCATION

Bachelor of Science in Computer Science, *Texas A&M University, College Station, TX*

May 2027

- **GPA:** 4.0/4.0
- **Member of Engineering Honors Program and Dean's Honor Roll Recipient x3. Minor in Statistics and AI in Business**

TECHNICAL SKILLS & CERTIFICATIONS

- **Proficient:** Java, Python, Angular, React, C#, C, C++, Haskell, JavaScript, Git, SQL, TypeScript, HTML, CSS, OpenCV, MediaPipe
- **Exposure:** Selenium, SignalR, PostgreSQL, Docker, SwiftUI, Flutter, Websockets, AI fine-tuning & training, AWS Cloud
- **Certifications:** ExtraHop Network Security Essentials and Network Security Specialist, ISC^2 Intro to Cybersecurity

PROJECTS/COMPETITIONS

Tidal Hackathon | Lie Detector, *College Station, TX*

Jun 2023 - May 2024

- Ranked 3rd place out of 64 teams in the overall category
- Developed a website using ReactJS and Python Flask with WebSockets, detecting facial movements with OpenCV, Deepface, and Dlib to track emotions, blinks, gaze, and twitching.
- Utilized AWS Transcribe for live transcription and integrated fine-tuned Mistral AI with PyTorch for real-time lie detection.

TamuHack | Stock Sense, *College Station, TX*

Jan 2024

- Built a mobile app that utilizes SwiftUI for the front end and then a Python backend with a PythonKit extension for Swift. The app displays stocks that are likely to appreciate over the years, based on the provided sectors.
- Created a proprietary stock algorithm using a linear regression line, 52-week average, moving average, and PE ratio.

HowdyHack | Inventory Insights App, *College Station, TX*

Sep 2023

- Ranked 7th place out of 57 teams
- Engineered an inventory management app using Swift, Xcode, Tesseract OCR, and OpenCV for real-time receipt scanning and inventory management for small business owners.

EXPERIENCE

State Farm | Software Developer Intern, *remote*

May 2025 - Present

- Developed a full-stack app to analyze, quickly repair, and view large XML documents using Electron, React, Python, and C
- Enhanced system architecture by adding a new database table and GitLab routing for cached feature flags.
- Delivered end-to-end software solutions by building and testing support tools for agents using Agile methodologies

Beats by Dre Consumer Insights Data Analytics Externship | Data Analytics Extern, *remote*

July 2024 - Sept 2024

- Scripted Python code and used Selenium to scrape the web for consumer data, preparing it for analysis
- Conducted an Exploratory Data Analysis and Sentiment Analysis using Pandas and Matplotlib
- Used Gemini AI to extract themes from customer reviews and make API calls directly from Python.

Capsher Technology | Software Engineering Intern, *College Station, TX*

May 2024 - July 2024

- Implemented a dark mode transition on a multi-layered web application using Angular Frontend and C# backend
- Created pipelines to connect services asynchronously on the app using SignalR
- Displayed information onto 3-dimensional graphs using a DCL input for conversions and ChartJS

Cybersecurity Apprenticeship Program | Student Technician, *College Station, TX*

Dec 2023 - Present

- Assisted in programs to analyze the frequency of various application protocols on the network and their locations
- Used Crowdstrike Falcon to maintain and assess real-time alerts shown on the network
- Developed custom parameters and queries on ExtraHop and Elastic to analyze threats

Video Game and Gamification Research Project | Student Researcher, *College Station, TX*

Sep 2023 - May 2024

- Created AI-driven data analysis initiatives to convert raw research data into valuable insights.
- Investigated how video games, simulations, and gamification may be used to enhance learning at various educational levels
- Actively participated in developing small-scale instructional video game prototypes using Python and C#

AI Mastermind | Project Lead, *remote*

Jun 2023 - May 2024

- Created multiple AI chatbots to replicate JARVIS, analyze Supreme Court cases, rate movies based on the IMDB Database, and Q&A bots that can read and understand PDFs and online articles.
- Used transformer models, such as BERT, and trained and fine-tuned OpenAI and other Hugging Face models using Colab

Extracurriculars

Aggie Data Science Club | Workshops Officer, *College Station, TX*

Jan 2025 - Present

- Assemble and deliver workshops to 50-100 club members on data science, machine learning, and AI topics.
- Fostered understanding of real-world applications and implications using activities, code-alongs, and presentations.