

Siddhant Maji

Austin, TX | (972) 853-1930 | sidmaji@utexas.edu | linkedin.com/in/siddhant-maji | github.com/sidmaji

Education

University of Texas at Austin

Bachelor of Science, Computer Science
Incoming student.

Aug 2026 - May 2029

Independence High School

High School Diploma, Magna Cum Laude

Aug 2022 - May 2026

GPA: 4.0 Unweighted / 5.33 Weighted | SAT: 1550 | Ranked Top 5% (21/427)

Relevant Coursework: AP Statistics, AP Physics C, AP CS A, AP CS Principles, AP Calculus BC

Work Experience

AI Research Intern

University of Texas at Dallas

Jun 2025 - Aug 2025

- Researched financial sentiment analysis using LLMs, published a [research paper](#), and achieved 2nd place in research cohort of 60 participants.
- Led a waste-sorting robot project using EV3 and PyTorch image classification with a team, achieving 3rd place.
- Researched loan default prediction using various model architectures, published findings in [research paper](#).
- Conducted full ML lifecycle: data collection, training, evaluation, and technical presentation to judges.

Credit Risk Analyst Intern

CashPey

Oct 2024 - Jun 2025

- Evaluated 30+ loan applications, analyzing repayment behavior and credit risk.
- Improved loan default and risk prediction accuracy by 15% by applying classification ML models like XGBoost.
- Optimized internal workflows and wrote onboarding documentation for future interns and employees.

Co-President

Financial Freedom Club

Aug 2023 - May 2026

- Founded and scaled a 120+ member organization across 7 chapters focused on financial literacy.
- Led 30+ workshops and competitions, teaching investing and budgeting concepts.
- Drove 60,000+ social media impressions, increasing engagement and participation.
- Organized fundraising events, raising \$1,000+ for community initiatives, partnering with local nonprofits Payir and 3to1 Foundation.

CTO & Marketing Lead

Zyksaw

Jan 2025 - Present

- Implemented authentication, designed landing page, and developed a chat interface using modern web technologies.
- Supported platform growth to 50+ users and 20 tutors through technical improvements and social media marketing campaigns.

Software Development & Marketing Intern

Ultra AI (YC W24)

May 2025 - Aug 2025

- Developed several sections in landing page and improved AI college "chance me" feature by over 20%.
- Amassed over 50,000 views on social media, managing a group of 5 content creators.
- Contributed to frontend development and ideation for features and improvements.

Skills

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

Frameworks & Tools: Azure AI Foundry, AWS, PyTorch, React, Docker, Git, Pandas, Polars, NumPy, BeautifulSoup

Certifications: Stanford Machine Learning Specialization, Azure AI Fundamentals, HuggingFace Deep RL

Projects

Portfolio Risk Simulator

- Developed an in-depth web-based risk analysis tool featuring Monte Carlo simulations, risk metrics, benchmark comparisons, and various other features to simulate investment portfolio outcomes and decision-making using Streamlit and Python.

Loan Default Predictor

- Built a machine learning tool that predicts loan default risk using borrower financial data, outputting model probabilities and classifications.
- Trained and evaluated several tabular classification models, including XGBoost, logistic regression, and a neural network built with TensorFlow.

PockFin

- Financial literacy simulation and education startup with advanced features such as portfolio risk assessment, net worth projections, and Monte Carlo simulations.

Churn Prediction

- Developed a predictive model to identify customer churn using real-world data as part of Coursera’s Data Science Coding Challenge.
- Implemented feature engineering, model tuning, and evaluation using Python and Jupyter Notebook. Achieved placement in the top 8% of participants based on model accuracy among thousands of global competitors.

Honors & Awards

2nd & 3rd Place, AI Research Projects – UT Dallas	2025
USACO Silver Division	2025
Top 8%, Coursera Data Science Challenge	2025
DECA Financial Roleplay State Finalist	2024