

Bhaumi Nadella

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EDUCATION

The University of Georgia, *Presidential Scholar*, Athens, GA May 2029
Bachelor of Science in Computer Science and Math, NMI Certificate **GPA:** 4.00/4.00

PROFESSIONAL EXPERIENCE

Socially Responsible Tech Lab @UGA, *Undergraduate Research Assistant (Co-Author)*, Athens, GA Jan 2025 - Present

- Analyzing and conducting **6+ interviews** to understand AI chatbot's impact on interpersonal relationships under **Dr. Ari Schlesinger**, all while applying CITI and Interview training to maintain 100% IRB compliance.
- Expanding participant recruitment from **5 to 12** subjects by developing a multi-channel strategy, including digital outreach and a new academic credit incentive.

Abe Scott Enterprises, LLC *Full Stack Web and App Development Intern*, Atlanta, GA Nov 2025 - Jan 2026

- **Identified authentication vulnerabilities** and rebuilt a secure login system, implementing OAuth 2.0 for Google and Apple sign-in using React Native and Supabase
- Applied interaction design principles to streamline authentication UX to **reduce existing login friction**.
- Discovered a **major bug** during Agile sprint planning and code review processes.

Quadrant Technologies, *AI Intern*, Hyderabad, India April 2025 - June 2025

- Built end-to-end production **ML pipelines** for disease classification and real estate valuation, achieving **85% model accuracy** by implementing supervised learning techniques and automated workflows from data ingestion through deployment using TensorFlow, Scikit-learn, and FastAPI.
- Contributed to the Color Analysis project using OpenCV implementation techniques under mentorship.

LEADERSHIP & RELEVANT EXPERIENCE

AI@UGA, *Project Manager*, Athens, GA March 2026- Present

- **Leading development of a searchable meta-index** of STEM education datasets, solving the critical problem of fragmented, non-discoverable research data scattered across institutions and repositories.
- Collaborating with the **AI4STEM Education Center** to architect a **RAG-powered conversational search** interface that allows researchers to find datasets using plain-language queries, eliminating Boolean operators and reducing time-to-discovery.

Hacklytics 2026, *Lead Developer*, Georgia Tech, Atlanta, GA Feb 2026

- **Built Emotica, a real-time emotional telemetry system** using facial landmark detection and streak-based Ragebait scoring to classify player emotions every 2 seconds, triggering adaptive difficulty adjustments to reduce churn.
- **Engineered a full cloud analytics pipeline** to a live Supabase PostgreSQL dashboard, giving developers actionable insights on frustration hotspots, mood distributions, and adaptive intervention effectiveness.

AI Society @ Terry, *Case Competition Winner*, Athens, GA Aug 2025 - Present

- Selected to join the prestigious club through a competitive process with a **35% acceptance rate**
- **Secured 1st place** among 5 teams by designing an AI triage system which captures symptoms and routes patients based on severity, projected to reduce ER wait times by 40%, presenting an end-to-end HIPAA-compliant AWS technical architecture and implementation roadmap which included budget, risk mitigation strategy, and change management plan.
- Collaborated in weekly AI workshops with industry leaders on emerging technologies, including Agentic AI systems

Girls Who Code @ UGA, *Lead Facilitator*, Athens, GA Aug 2025 - Present

- Designed an **original AI curriculum** for 10th-12th-grade students, **addressing the gap** in GWC's high school AI resources by translating university-level concepts into an accessible 15-week curriculum.
- **Mentored peer facilitators** and collaborated with Athens Academy High School to **organize classes**
- Guided 6+ students through the AI project cycle to build "Strike a Pose: Feeling Detector" project, where students trained emotion detection models, achieving 75%+ classification accuracy on custom datasets.

Infusion Magazine, *Assistant Web Manager*, Athens, GA Aug 2025 - Present

- Identified an opportunity to strengthen the digital presence for Diversity Magazine and proactively **proposed** a web redesign
- **Redesigned** the complete website architecture, including layout restructuring, color scheme overhaul, and interactive flipbook feature integration to enhance user experience and content accessibility
- Implemented Google Analytics tracking infrastructure to measure user engagement metrics and inform iterative design improvements based on data-driven insights

Pandora Yearbook, *Design Staff*, Athens, GA Aug 2025 - Present

- Designed 3 page spreads for the UGA's 138th yearbook edition by applying visual storytelling and crafting narrative layouts using **Adobe InDesign and Photoshop** to create an engaging UX for 40,000+ students

HONORS AND AWARDS

Presidential Scholar
Rank 5/200+ in Class

University of Georgia, Dec 2025
CBSE All India Board Exams, May 2025

Topper in Design
Emerald House Prefect
Certificate of Merit for 1st Rank in Class+ Scholar Badge for Academic Excellence
Ranked 5th in Class
Centum (100/100) in Artificial Intelligence

CBSE All India Board Exams, May 2025
Student Council, DPS, April 2024
DPS, April 2024
CBSE All India Board Exams, May 2023
CBSE All India Board Exams, May 2023

SKILLS

Development: Python, Java, JavaScript, React, React Native, HTML/CSS, Git/GitHub, Unity, C#

AI/Machine Learning: FastAPI, ML Algorithms, Supervised Learning, Deep Learning, CNNs, NLP, Computer Vision, Data Handling, TensorFlow, Scikit-learn

Design: Adobe Creative Suite (InDesign, Photoshop), Figma, User Research, Interview Strategy, Visual Storytelling, HCI

Tools: Supabase, Docker, Google Analytics, OAuth 2.0, REST APIs, AWS