

Amritaraj Nair

amritnair23@gmail.com | 214-316-6196 | linkedin.com/in/amritaraj-nair | github.com/amritnair | Portfolio

EDUCATION

Texas A&M University B.S. Computer Science Honors Minor in Statistics & Business in AI, President's Endowed Scholar	College Station, TX Expected May 2029
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TECHNICAL EXPERIENCE

Artificial Intelligence Modeling for Livestock Systems Research Texas A&M University	Aug 2025 – Present
<ul style="list-style-type: none">Built Python mechanistic models simulating cattle growth, nutrition, and reproduction.Integrated feed data to optimize diets for environmental and economic trade-offs.Created GitHub repository, technical reports, dashboards, and conference presentations.	
Cybersecurity and Large Language Models Research Texas A&M University	Aug 2025 – Present
<ul style="list-style-type: none">Evaluated tools such as RoboDuck and Fuzzing Brain CRS for automated exploit generation.Reviewed secure code generation research and tested systems on Flask and iGraph repositories.	
MagNet Agents — Technical Intern Legal-Tech Startup	May 2025 – Present
<ul style="list-style-type: none">Collaborated with lawyers and engineers in client meetings.Assisted in frontend web design and client communication.	

LEADERSHIP & PROJECTS

FRC Robotics Team 4192, Jaguar Robotics Build and Circuit Lead	2022 – 2025
<ul style="list-style-type: none">Led robot design and electrical integration; won 2024 Amarillo Impact and Sustainability Awards.	
The Sunlight Initiative Co-Founder	2022 – Present
<ul style="list-style-type: none">Organized nationwide book drives and fundraisers raising 15,000+ books and \$5,000+.Established 15+ active chapters supporting underserved students.	
Aggies in Tech Member	Oct 2025 – Present
<ul style="list-style-type: none">One of 40 students selected for Texas A&M's program uniting business and technology.Engage in professional development, networking, and pursue the Business of Technology Certificate.	

TECHNICAL SKILLS

Languages: Python, Java, C++, React, HTML/CSS, APIs, NumPy, SymPy, Android Studio, XCode
Tools: Git, Docker, Travis CI, Google Cloud, VS Code, IntelliJ, PyCharm
Frameworks/Libraries: Flask, FastAPI, React, Pandas, NumPy, Matplotlib
Other: Public Speaking, Project Leadership, Nonprofit Management