

# Amritaraj Nair

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## EDUCATION

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<b>Texas A&amp;M University</b> 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

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<b>Artificial Intelligence Modeling for Livestock Systems Research</b> Texas A&M University	Aug 2025 – Present
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- 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.

<b>Cybersecurity and Large Language Models Research</b> Texas A&M University	Aug 2025 – Present
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- 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.

<b>MagNet Agents — Technical Intern</b> Legal-Tech Startup	May 2025 – Present
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- Collaborated with lawyers and engineers in client meetings.
- Assisted in frontend web design and client communication.

## LEADERSHIP & PROJECTS

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<b>FRC Robotics Team 4192, Jaguar Robotics</b> Build and Circuit Lead	2022 – 2025
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- Led robot design and electrical integration; won 2024 Amarillo Impact and Sustainability Awards.

<b>The Sunlight Initiative</b> Co-Founder	2022 – Present
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- Organized nationwide book drives and fundraisers raising 15,000+ books and \$5,000+.
- Established 15+ active chapters supporting underserved students.

<b>Aggies in Tech</b> Member	Oct 2025 – Present
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- 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

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**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