

Russell Cates

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EDUCATION

Texas A&M University, College Station, Texas

Expected Graduation May 2027

Master of Science in Management Information Systems (MIS), GPA: 4.0

Bachelor of Business Administration in MIS, GPA: 3.8 (May 2026)

SKILLS & CERTIFICATIONS

- **Infrastructure:** Linux, Bash, networking, server diagnostics, data center operations, AWS
- **Development:** Next.js, Electron, Swift, CLI tooling, workflow automation
- **AI Platforms:** Amazon Bedrock, Codex, Claude Code, Cursor
- **Certifications:** CompTIA Security+, CompTIA A+ (2025); AWS Certified Cloud Practitioner (2024)

EXPERIENCE

Meta

June 2026–August 2026

Production Operations Engineering Intern

- Identified and contained a previously undetected firmware issue driving outages across thousands of servers globally, using internal fleet data tools to scope impact and affected hardware models
- Diagnosed systemic fleet issues and drive remediation with US and international teams
- Executed mass fleet remediations, fixing tens to hundreds of servers in a single action
- Triaged hardware and performance issues across x86 server platforms and NVIDIA A100/H100 GPU hosts
- Built bash tooling to speed Linux diagnostics

Applied AI Team, Mays Business School

2026–Present

Applied AI Fellow

- Prototyped a faculty-facing platform with guides for building AI agents, FERPA-compliant usage guidance, and an interactive prompt library to automate repetitive tasks
- Led a Codex workshop with 20+ in-person attendees, a virtual audience, and T-Mobile guests
- Interviewed faculty and staff on AI adoption; delivered a findings report to leadership

College of Arts and Sciences, Texas A&M University

2024–Present

IT Technical Assistant

- Resolved hardware, software, and network issues across Windows, macOS, and Linux
- Provisioned and deployed 50+ workstations for faculty across three college departments
- Trained faculty and students on newly deployed software and tools

PROJECTS & AWARDS

AggiInsight, 1st Place AWS Hackathon

Feb 2026

- Built an AI interview-intelligence platform using Next.js, AWS Lambda, Textract, and Amazon Bedrock to turn company URLs, prompts, and documents into strategy-focused briefing PDFs

CMIS AI Conference, Featured Speaker

Apr 2026

- Presented on building trust in AI adoption and balancing the organizational risks of moving too quickly or too slowly

ACTIVITIES

Association of Information Technology Professionals, Texas A&M University 2024–Present

Co-Director of IT

- Plan and lead student workshops on Cursor, Codex, and AI adoption practices
- Built the organization's website in Next.js and an Electron calendar-management app
- Maintain the organization's IT infrastructure and tooling for members and officers

TAMU Cybersecurity Club, Texas A&M University

2023–Present

Tech Committee

- Configured Linux servers and Cisco networking hardware in hands-on labs to simulate and defend against common network attack vectors
- Redesigned the website's frontend and backend with AI tooling and participated in biweekly standups

Aggies in Tech Program, College Station, Texas

2023–Present

- Selected for competitive fellowship taught by leaders from Google, Meta, Microsoft, and Apple
- Developed creative briefs and go-to-market plans for consumer tech products
- Built iOS utility prototypes in Swift