

# Chase Capron

(918) 845-0703 | chase.capron@tamu.edu | [linkedin.com/in/chasemcapron/](https://www.linkedin.com/in/chasemcapron/)

## EDUCATION

**Texas A&M University, Mays Business School**  
*Master of Science in Management Information Systems*

College Station, TX  
December 2026

**University of Oklahoma, Price College of business**  
*Bachelor of Business Administration in Management Information Systems*

Norman, OK  
May 2024

## EXPERIENCE

**Ernst & Young, LLC**

*Technology Risk, Staff*

Tulsa, OK

July 2024 – August 2025

- Performed IT audits for 5+ clients (10-35 applications/tools each), evaluating ITGCs, ITACs, and IPE reports to ensure controls follow regulatory compliance
- Executed technical code reviews in Python, SQL, and C# to verify system logic and identify security vulnerabilities within enterprise environments
- Led walkthrough meetings with control owners, and reviewed SOC reports to identify gaps and remediation strategies within technical environments

**Price College of Business**

*Management Information Systems, Teaching Assistant*

Norman, OK

August 2023 – May 2024

- Instructed 1,000+ students across 3 sections on database fundamentals, cybersecurity practices, and hardware architecture
- Facilitated 20-25 hours of weekly office hours, providing technical guidance on complex SQL, Python, and VBA assignments

**Federal Reserve Bank of Kansas City**

*Technology Business Solutions, Analyst Intern*

Kansas City, MO

May 2023 – August 2023

- Identified \$1M+ in savings by utilizing Power Query and Tableau to audit 1,000+ inactive mobile devices across the Federal Reserve System
- Developed an automated tool to manage multiple stakeholder's timesheet collections, streamlining time keeping compliance and reporting for upper management
- Participated in 5 projects, working in automation, data visualization, web design, and data cleansing, effectively managed projects by utilizing Agile methodologies

## PROJECTS

**CMIS Case Competition**

December 2025

- Architected and deployed a full-stack mentor matching platform featuring a custom AWS Lambda backend and an interactive AI chatbot built with AWS Lex, to enhance student-alumni networking
- Engineered automated matching algorithms and email workflows using n8n, integrating multi-user portals for students, faculty, and industry sponsors to replace legacy infrastructure

**Texas A&M Datathon**

November 2025

- Developed "Wavelength," a Model Context Protocol (MCP) integrating Gemini, Spotify, and Last.fm APIs to automate personalized playlist generation via lyric sentiment analysis, BPM, and instrumental matching
- Supported the development and implementation of a team-led, Python-based Machine Learning model for a real-time gaming simulation, contributing to a 2<sup>nd</sup> place finish out of all competitors in the 24-hour sprint

**E-Commerce Data Infrastructure**

August 2025 – November 2025

- Deployed a scalable, highly available data infrastructure on AWS EC2 instance, featuring a multi-node MariaDB Galera Cluster for 24/7 integrity
- Built automated ETL/ELT pipelines (Python/SQL), and integrated NoSQL/Vector databases (MongoDB), to support AI-driven semantic search capabilities

## TECHNICAL SKILLS

**Languages:** SQL, C#, Python, R, HTML5, CSS3

**Tools & DevOps:** AWS (EC2, S3, Lambda, Lex), Git/GitHub, Jira, Agile (Scrum, Kanban)

**Data & Automation:** ETL/ELT Pipelines, n8n (Workflow Automation), NoSQL (MongoDB), Tableau/Power BI

**Security & Risk:** ITGC/ITAC Auditing, SOC Report Review, Regulatory Compliance, Internal Controls Assessment