

Sara Katherine “Katie” Frymire

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EDUCATION: **Southern Methodist University**, Dallas, TX May 2027
University Honors Program, Double Major: GPA 3.94

- Bobby B. Lyle School of Engineering – BA in Computer Science, Minor in Data Science
- Meadows School of Arts – BA in Creative Computing

TECHNICAL EXPERTISE:

Programming languages: Java, Python, C++, HTML, Linux
Operating Systems: Windows 10 – 11, macOS
Application Environments: Visual Studio Code, IntelliJ IDEA, Eclipse environment
Software Applications: MATLAB, Postman, MS Office Suite
Other: Microsoft Azure and Copilot, Adobe Suite, UX Design, APIs, GitHub

WORK EXPERIENCE:

Payments and Networks Software Engineer Intern – NCR Atleos, Frisco, TX Summer 2025

- Developed a Python-based AI chatbot for software and vendor documentation using Microsoft Azure OpenAI and LangChain to facilitate usability of technical product documentation
- Aided the organization and management of the Frisco office's Hackathon, while also participating in it.
- Began the development for an accessible visual dashboard for a SQL database, so people without SQL experience can access the data easily.

Cyber Security Engineer Intern – Sabre, Southlake, TX Summer 2024

- Automated vulnerability mitigation management for static analysis Veracode vulnerabilities using Golang, Go-Fiber, and the Veracode API, significantly reducing manual workload for the security teams and developers.
- Built a Go-based web application to raise application security awareness within Sabre, visualizing open vulnerabilities across senior leaders. Utilized Go, Fiber, Veracode & Synack APIs, and designed a user-friendly interface using Sabre's internal Spark framework.

Lighting Technician – Greenhill School, Addison, TX 2022 - 2023

- Oversaw lighting programming and production for third-party performances in Greenhill's Rose Hall theatre, including Bollywood recitals, orchestra performances, and other musical and instrumental showcases

OTHER RELEVANT EXPERIENCE:

NCR Atleos Global Hackathon, Frisco, TX July 2025

1st place in the Frisco office and ranked Top 25 Globally

- Developed a mobile application, for both iOS and android, that would facilitate cardless ATM withdrawals with one's phone, using a person's biometrics for additional security
- Presented a detailed plan for future development and implementation

HackSMU VI, Dallas, TX October 2024

1st place Overall and 1st place in Most Creative Adobe Express Add-on Challenge

- Developed an Adobe Express Add-on, with JavaScript and Python, to allow Express presentations to be exported as a PowerPoint file since Express only allows exporting as image files (jpeg, PNG, PDF)
- Implemented AI to allow conversion into a docx file which summarizes the information outlined in the presentation and gives improvement suggestions for each slide

ACTIVITIES: Students for New Learning – Executive Vice President
Theta Tau (national, professional engineering fraternity) – Active Member

AWARDS: Dean's List (all semesters), SMU Distinguished Scholar, Lyle School of Engineering Discovery Scholar