Min Sithu Maung
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EDUCATION

Texas A&M University   College Station, TX
Bachelor of Science in Computer Science   Graduated May 2025
- Cumulative GPA: 3.6
- Minor in Engineering Project Management
- Relevant Courses: Data Science, Cloud Computing, Operating Systems, Data Structures and Algorithms, Computer Architecture, Technical Writing

WORK EXPERIENCE

Medical Innovators Company | Software Engineer   **(Jan 2023 – Jan 2025)**
- Delivered HIPAA compliant GenAI powered medical triage apps that cut data entry time 30 percent and handle 500+ forms/month.
- Built data pipelines and integrating APIs from front-end to back-end scoring daily submissions and emailing critical alerts, saving three staff hours every day.
- Ran monthly Agile sprints for a four-person team, hitting every release and logging zero deadline misses during this part time 20 per week role

PROJECTS

Texas A&M CSCE Honors Department | Developer / Scrum Master   **Spring 2025**
- Launched a Heroku-hosted portal where students apply to faculty research openings; professors receive automated emails.
- Wrote RSpec + RuboCop pipelines (CI/CD) that keep 90%+ test coverage
- Facilitated daily standups and led biweekly client demos in Scrum ceremonies

Lockheed Martin Capstone Project | Team Lead   **Fall 2024**
- Led an experimental project converting motion sensor (accelerometer) data into .wav audio utilizing AI to map audio data
- Built cross-platform data pipelines on Android and Linux (VirtualBox), integrating Fitbit SDK, Bosch SDK, and Android SDK using Kotlin, C++, and Python.

CodeRED Hackathon – 1st Place | Team Lead   **Fall 2021**
- Built an interactive data modeling and visualization app turning raw JSON into real-time bar charts; pitched to judges and won 1st place among 40+ teams.
- Designed and pitched the solution for processing large amount of JSON data into meaningful insights incorporating good User Interface (UI)

Automatic Book Page Flipper | Software/Hardware Engineer   **Spring 2025**
- Built a voice/gesture-controlled rig that flips physical book pages to assist readers with limited mobility using Raspberry Pi, Python and, stepper motors
- Achieved 98% turn accuracy on final class demo using a textbook

SKILLS

Programming Languages: Python , SQL, C++, C, JavaScript, HTML/CSS , Java, C#
Frameworks & Libraries: LangChain, NumPy, Pandas, Seaborn, OpenPyXL, scikit-learn
Tools: Git, AWS, Docker, MongoDB, PostgreSQL, Gen-AI
Certifications: IBM Introduction to LLMs, IBM AI Chatbot