

Sudeep Joseph Sirivella

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EDUCATION

Texas A&M University

B.S. in Computer Engineering

Minor in Math & Business

College Station, TX

Aug 2023 - Expected Graduation May 2027

- **Concentrations:** Computer Science Track + AI/ML
- **Related Coursework:** Data Structures & Algorithms, Computer Architecture, Computer Systems, Software Engineering, Electrical Circuit Theory

SKILLS

Programming: Python, C++, C#, Java, JavaScript, HTML/CSS, Go, Kotlin, Swift, R, Verilog

Tools: AWS, Git, Next.js, React.js, VSCode, Android Studio, XCode

WORK EXPERIENCE

Dover Fueling Solutions

Software Engineering Intern

Austin, TX

Jun 2025 - Aug 2025

- Developed a predictive maintenance tool for new Anthem fueling product to identify and diagnose issues
- Company launched tool and saved thousands of dollars per fueling site by preventing unnecessary parts replacements
- Recreated onsite issues in lab and developed C# scripts to parse fueling logs in order to develop the tool

PERSONAL PROJECTS

AI Coding Education Web App

Fullstack Web App Development

Jul 2025

- Developed both frontend and backend for web application which leverages AI assistance/analysis to help users learn programming languages efficiently in a personalized manner
- Fullstack web app development with Next.js, FastAPI, AWS Amplify, AWS RDS, and DeepSeek API
- Utilized Firebase for authentication and Cloudflare for cybersecurity

iOS & Android App

Fullstack Mobile App Development

Jun 2025

- Developed both frontend and backend for a mobile application to help users develop their memory skills through multiple game modes and formats
- Used Swift in xCode to develop the iOS version of the app
- Used Kotlin and Java to develop the Android version of the app

COURSES & CERTIFICATIONS

- **Associate AI Engineer**
DataCamp
May 2025
- **AWS Cloud Practitioner Essentials**
AWS Training and Certification
March 2025
- **CS50 Introduction to Computer Science**
Harvard University
Jan 2025