Abel Thomas

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EDUCATION

Texas A&M University	B.S. Computer Science	December 2025
	Minor in Business	
	President's Endowed Scholar	
	Century Scholar	
	Edward C. Clay '47 Memorial Recipient	
	Udden Endowed Scholarship	
	Association of Former Students Endowed Scholar	
	GPA: 3.95/4.0	

PROFESSIONAL EXPERIENCE

Tenaris – *Maintenance Engineering Intern;* Bay City, TX   May 2024 – August 2024
- Upgraded the wireless vibration system with a new SCADA system to view temperature and battery readings
- Developed a SQL Database to store and sort temperature values of 500 different sensors every 8 hours
- Utilized MODBUS connections to aide damage detection and prevention of the Hot Rolling Steel Mill

Penwick Realtime Systems Inc. – *Software Engineering Apprenticeship;* Houston, TX   March 2022
- Collaborated with a team of software engineers to develop and execute IT and software development projects
- Acquired problem-solving skills through hands-on troubleshooting and debugging tasks

DreamX Media – *Video Production & Post Production Assistant;* Houston, TX   Jan 2019 – May 2024
- Operated $10,000 worth of audio and video systems such as transmitters, receivers, and encoders
- Edited consumer videos utilizing Final Cut Pro and Adobe Premiere Pro

ACADEMIC PROJECTS

Flash Card App   December 2023 - January 2024
- Developed an app to aid users in learning Malayalam words through translations into English

Dungeon Crawler   October 2023
- Assembled a multi-level game utilizing dynamic memory allocation and dynamic memory deallocation

100 Days of Code: The Complete Python Pro Bootcamp for 2023   July 2023 – October 2023
- Programmed beginner, intermediate, and advanced Python projects covering concepts such as Turtle, Tkinter, and Object Oriented Programming (OOP)

CERTIFICATES

Google Cybersecurity Certificate   August 2024
- Completed a comprehensive course covering essential SIEM tools and cybersecurity principles, including network security, risk management, cryptography, and ethical hacking

LEADERSHIP EXPERIENCE

Texas A&M Indian Orthodox Campus Ministry – *President*   August 2023 – Present
- Arranged venues and times for weekly evening prayers, monthly speaker sessions, and services
- Coordinated maximum attendance by promoting the Orthodox Christian faith to members and non-members

Century Scholar Mentor – *Peer Mentor*   August 2023 – May 2024
- Guided college freshmen through communication in areas such as coursework, mental health, and finances

SKILLS

Coding Languages: Python, Java, C++, SQL
Developer Tools: Pycharm, Visual Studio Code, Linux Operating System
Microsoft Excel, Microsoft Access, Weintek
Teamwork, Communication, Leadership, Organization, Strong Work Ethic