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Thai Lai

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Information Technology student at the University of Texas at Arlington (Expected May 2028). Proficient in architecting end-to-end solutions using Java and Python, with a specialized focus on designing and deploying high-performance graphics software from the ground up. Adaptive to implementing object-oriented design patterns, managing complex data structures, and utilizing Git-based version control to deliver scalable, production-ready codebases.

EDUCATION

BACHELOR OF SCIENCE IN INFORMATION SYSTEM, MINOR IN SOFTWARE ENGINEER
The University of Texas at Arlington, College of Engineering   *Arlington, Texas*

SKILLS

Tools and Languages	C, C++, Java, Python, Flutter, ARM Assembly
Software & Processes	Pandas, SciPy, NumPy, SQL, Swing, Windows, Mac OS X, Linux/Unix, Git, Bash, CLI, Vim
Hardware	Raspberry Pi, Arduino
Human Languages	English, Vietnamese, Chinese

EXPERIENCE

ACTIVE MEMBER / MOBI at UTA   **Sept 2020 — PRESENT**
The University of Texas at Arlington   *Arlington, Texas*

- Social Coding Activities
- Community services and fundraising projects
- Help other students learn with real-world development skills
- Responsible for managing group of student programmers

ACTIVE MEMBER / CYBER-SECURITY ORGANIZATION at UTA   **Sept 2021 — PRESENT**
The University of Texas at Arlington   *Arlington, Texas*

- Cloud risk and Web-Intrusion Management
- Monitoring within Enterprise Environments.
- Hackathon Projects and Student Engineer Socializing

CUSTOMER SERVICE AMBASSADOR / FLIGHT NAVIGATOR   **May 2018 — April 2019**
DFW International Airport   *Dallas, Texas*

- Used technology to guide Airport customers
- Assisted passengers to find their gate and terminal
- Locate amenities, and understand transportation options
- Instructing health and safety protocols according to the airport policy

PROJECTS

DEVELOPER / MAVERICKS ANIMAL SHELTER MANAGEMENT SOFTWARE   **Self-interest Project**
The University of Texas at Arlington   *Arlington, Texas*

- Responsible for managing user's shelter profile.
- Helped create a growing community of pet's lovers.
- Develops software solutions for animal shelters for tracking in care pets

DEVELOPER / RESTAURANT ORDER MANAGEMENT APPLICATION   **Self-interest Project**
The University of Texas at Arlington   *Arlington, Texas*

- Object-oriented class project at UT Arlington using Java
- Swing-based UI provides user the ability to build menus out of different items and save/load these menus as needed
- Users can load, save, and manage customer information

ACTIVITIES

UT ARLINGTON CYBERSECURITY CLUB	**Sept 2021 — PRESENT**
UT ARLINGTON MOBI CODING CLUB	**Sept 2020 — PRESENT**
SkillsUSA Media Technology - Team Leader of District 6	**Sept 2018 — Jan 2020**