

# Anh Quan Tran

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## EDUCATION

### Arizona State University

Bachelor of Science in Computer Science

Tempe, AZ

Expected May 2026

- **Cumulative GPA:** 3.67/4.0 | **Honors:** Kaplan International Scholar, Ira A. Fulton Schools of Engineering Dean's List
- **Relevant Coursework:** ...

## TECHNICAL SKILLS

**Programming:** Java, JavaScript, JavaFX, Python, C/C++, SQL, HTML/CSS, MATLAB

**Frameworks:** Nuxt.js, Vue.js, Spring Boot

**Developer Tools:** Git, GitHub, VS Code, IntelliJ, Eclipse, WebStorm

**Applications:** Excel, Word, PowerPoint, Microsoft Teams, Zoom

## PROFESSIONAL EXPERIENCE

### RoboMain

Software Developer Intern

Oshawa, ON

May 2024 – Present

- Developed and maintained a CMMS (Computerized Maintenance Management System) software application to enhance maintenance operations
- Utilized **Next.js** and **TypeScript** in Front End, **Java Spring Boot** in Back End, **DBeaver** in Database to build robust and scalable solutions
- Collaborated with a team of four, fostering a cooperative environment to boost efficiency and ensure seamless integration of all system components
- Identified and resolved bugs, reduced reported issues by 20%, and maintained a **100% on-time delivery rate**

### FPT Corporation

Software Developer Intern

Ho Chi Minh City, Vietnam

May 2023 – August 2023

- Collaborated with a team of 5 developers to deliver a high-performance shortening link system using **HTML**, **CSS** and **Nuxt.js**, empowering end-users to efficiently generate shortened links, resulting in a **50% reduction** in link generation time
- Demonstrated expertise in **HTML5** and **JavaScript**, achieving a **40% increase** in user engagement
- Implemented a resilient and consistent back end with **Java**, **Spring Boot**, and employed the **Asynchronous Request-Reply** pattern for optimizing performance, resulting in **50% increase** in API response speed
- **Reduced user issues by 20%** and maintained a **94% on-time delivery rate**, showcasing strong organizational skills in website development

## PROJECT EXPERIENCE

### Food Bank, EPICS

Technical Lead

August 2024 – Recent

- Planning and developing inventory / visit tracking application for Pitchfork pantry in Arizona State University.

### Book Store, Personal

Developed a backend system for Server-Side Rendering book library application, using the **Spring Boot** framework and **PostgreSQL** for database

December 2023 – January 2024

- Implemented **multi-threading** and **JavaX validation** systems, resulting in faster API response and more reliable data processing process

### Lego Mindstorm MATLAB, Fulton Schools of Engineering

Achieved **1st place** out of 11 competing teams, demonstrating exceptional performance in navigating complex mazes based on completion time

August 2022 – May 2023

- Collaborated on team of 5 using **MATLAB** to design and develop autonomous Lego robot capable of efficiently maneuvering through dynamically changing mazes

## ACTIVITIES

### Software Developers Association, ASU

Member

Tempe, AZ

August 2023 – Present

- Attended weekly meetings to gain experience in Software Engineering topics