

# TYREE FRANKLIN JR.

## Software Engineer

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### SUMMARY

Computer Science student with hands-on experience in coding, AI research, and app development, supported by internships in cybersecurity, tech startups, and automation. Proven across team-based projects, game programming, and app releases, I leverage data analysis, collaboration, and innovative problem-solving to deliver real-world results in dynamic environments.

### WORK EXPERIENCE

#### iOS Development Program

*Oct 2023 - Ongoing*

*Apple (Remote)*

- Improved UX by designing Swift-based prototypes with UI best practices, validated through mentor demos.
- Enhanced code quality by debugging features and resolving issues while maintaining coding standards.
- Delivered prototype functionality by exploring and presenting project demos to mentors and peers.

#### AI Agent Developer Extern

*Nov 2025 - Dec 2025*

*Wayfair & Extern (Remote)*

- Increased trend monitoring efficiency by building automations that deliver analytics to teams.
- Supported leadership decisions by conducting competitor analysis and creating marketing suggestions.
- Enhanced operations by launching scalable AI agents with real-time data feeds for strategy.

#### IT Department Support Intern

*Aug 2024 - May 2025*

*Northwest ISD (In-Person)*

- Reduced downtime for faculty by diagnosing hardware/software issues and facilitating on-site repairs.
- Improved support efficiency by troubleshooting tickets and delivering process improvement documentation.
- Strengthened security by applying basic cybersecurity practices to support efficient operations with peers.

#### Architectural Design Mentee

*Oct 2024 - Mar 2025*

*A.C.E. Mentor Program (Hybrid)*

- Enhanced learning environments by designing innovative spaces and drafting models using CAD and BIM software.
- Contributed to industry standards by creating presentation materials for design competitions judged by experts.
- Improved project quality by presenting proposals and integrating stakeholder feedback into final drafts.

#### GenCybersecurity Summer Intern

*Oct 2024 - Mar 2025*

*University of North Texas (Hybrid)*

- Strengthened security knowledge by studying network security, threat analysis using industry protocols.
- Enhanced defense capabilities by simulating cyberattack scenarios and developing incident response strategies.
- Deepened expertise by collaborating with security professionals to understand real-world defense techniques.

### EDUCATION

#### Bachelors of Science, Computer Science

*Aug 2025 - May 2028*

Richardson, Texas

- GPA: 3.5+
- Relevant Courses: Data Structures, Web Dev, Databases, Software Engineering

### CERTIFICATES

Microsoft Word

Microsoft Word Expert

AutoCAD

Microsoft Powerpoint

Microsoft Powerpoint Expert

Fusion 360

Microsoft Excel

Microsoft Excel Expert

Autodesk Inventor

Microsoft Office Specialist

OSHA-10

Autodesk Revit

### SKILLS

#### Programming

- C++, Python, Java, Swift

#### Data Analysis

- SQL Power Query, Data Visualization, Web Scraping

#### Software Engineering Tools

- React, Git, n8n Automation, Microsoft Excel (Expert)

#### Professional Skills

- Technical Communication, Team Collaboration, Problem Solving, Technical Communication,