

TYLER J. VUONG

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EDUCATION

University of Oklahoma

Master of Science in Computer Science GPA:(4.00/4.00)

Norman, OK

January 2024 – Expected May 2026

University of Oklahoma

Bachelor of Science in Computer Science, Minor in Mathematics GPA:(3.72/4.00)

Norman, OK

August 2022 – May 2025

CodePath

Data Structure courses and Technical Interview Prep

Virtual

September 2025 – Present 2025

WORK EXPERIENCE

I-CCEW (Oklahoma's Largest Innovation Consultant; \$48M Value Generated)

Norman, OK

Team Lead Software Developer

August 2025 – Present

- Led a 5-member developer team to deliver a consulting-strategy automation tool using Dart and Firebase, to reduce consulting load by **70%** integrating AI into the application.
- Applied agile practices by creating **backlog items** and conducting regular status update meetings to guide **CI/CD**.
- Taught and applied **Git** for version control, conducted peer reviews, and enforced **unit testing** to ensure code quality.
- Bridged communication** between the business team, clients, directors, developers, and mentors.

Software Developer | Dart, Firebase

January 2025 – May 2025

- Engineered, developed, and deployed a cross-platform safety application for lone workers that successfully reduced the time to alert emergency responders by **50%**.
- Collaborated with developers to align technical goals with business objectives in **bi-weekly sprints**.
- Presented progress updates and delivered **final product demos**, strengthening client engagement and communication.

Textron Inc. (Fortune 500 Company; Generated \$13.7B revenue in 2024)

Wichita, KS

Software Developer | C/C++, Fortran, Shell, Unix/Linux

June 2025 – August 2025

- Developed and deployed an automation tool into production that reduced image export processing time by **96%** across **300K+ CAD files**.
- Enhanced automation with a wrapper script to batch process **332,591 .cdd files**, producing **30,497 raster images** for engineers use with minimal manual intervention.
- Used Agile methodologies through regular standups and sprint cycles, collaborating with engineers to test results, ultimately **decommissioning a CAD license** and eliminating future technical debt and security vulnerabilities.

The Big Event(8k+ Annual Volunteers, \$80k operational budget)

Norman, OK

Executive Board of Strategy and Technology

August 2025 – Present

- Directed and executed all promotional activities, including managing a dedicated booth, to drive participation for the University of Oklahoma's largest volunteering event.
- Managed logistics and coordination for **8K+** annual volunteers dedicated to community service projects across Norman (e.g., cleaning local parks, maintaining wildlife sites, and supporting youth centers).
- Built an application prototype to manage **8K+** volunteers and their data.

Tamashii Inc.(Best Ramen Restaurant;(1.2k+ reviews, 4.9/5 Stars))

Norman, OK

Shift Lead

August 2024 – Present

- Delegated responsibilities and monitored task completion to optimize team performance of 10 servers.
- Trained and mentored new hires, administering on boarding evaluations and performance feedback.

PROJECTS

Automated Social Media Scrolling

Norman, OK

Mediapipe, OpenCV, RaspberryPI, PyAutoGUI, PyTorch

August 2024 – Present

- Developed a hands-free application utilizing computer vision and person tracking for automated social media scrolling.
- Reduced the need to hold a mobile device by **100%** to binge watch scrolling social media platforms

TECHNICAL SKILLS

Programming Languages: Python, Java, C/C++, Dart, JavaScript, R, SQL, NoSQL, Fortran, Lua

Tools: Git, Docker, Firebase, Unix/Linux, Agile, Shell, ServiceNow, Azure Devops

My Projects: <https://safespace22.github.io>

ABOUT ME

A new college graduate, with a passion for innovation. Off the clock, I enjoy sports, aquaponics, and producing music.