

KRISHNA SHIVKUMAR VALKAMBE

Arlington, TX | (682)-557-4040 | kxv5546@mavs.uta.edu | [@LinkedIn](#)

EDUCATION

University of Texas at Arlington

BS Computer Science

- **Honors:** University Honors College
- inSTEM Program
- Leadership Honors Program

Arlington, TX
Expected May 2028

WORK & LEADERSHIP EXPERIENCE

TRIO Pre-College Program – UT Arlington

Tutor

Arlington, TX
September 2025 – Present

- Provided one-on-one and group tutoring for high school students preparing for the SAT and ACT.
- Assisted senior students throughout the college application process.
- Organized and facilitated Saturday Academy session featuring academic workshops, study preps, and portfolio development.
- Lead Senior portfolio workshops, providing in-depth guidance on college readiness and application strategies.

New Student Transition and Family Program – UT Arlington

Orientation Leader

Arlington, TX
December 2025 – August 2026

- Mentored and welcomed 5000+ incoming Mavericks, helping them navigate academics, campus resources, and the transition to university life.
- Led interactive orientation sessions and activities, creating an inclusive environment that encouraged students to connect, ask questions, and feel confident starting at UTA.
- Served as a peer leader and campus ambassador, sharing my own experiences to help new students build connections and become actively involved in the UTA community.

Honors Programming Board - UT Arlington

Board Member

Arlington, TX
August 2025 – December 2025

- Help plan and organize academic and social events for the Honors College Community.
- Support events, logistics, promotion, and students' engagement.
- Build leadership, teamwork, and communication skills through collaboration with peers and staff.

Student Government – UT Arlington

Senator

Arlington, TX
January 2026 – May 2026

- Represented College of Engineering students by advocating for their needs, concerns, and interests.
- Research campus issues and collaborate with fellow senators to develop and support student focused resolutions.
- Engaged with students, university leaders, and campus organizations to promote positive changes across UTA.

PROJECTS

Volunteer Management System | Java, OOP, Git

CSE 1325 Course Project, UT Arlington

- Developed a console-based Volunteer Management System in Java to manage records and administrative tasks.
- Implemented CRUD Operations, input validation, and file-based data persistence.
- Applied object-oriented programming principles to create modular and maintainable code
- Utilize Git for version control and project organization.

Suspicious Surveyor | TensorFlow Lite, YOLO, Computer Vision, Android, SQLite

Term Project – CSE 3310 Software Engineering

Jan 2026 – April 2026

- Designed an AI-Powered surveillance system to detect suspicious activities from live video streams using computer vision and machine learning.
- Implemented risk assessment logic and automated alert workflows for rapid threat notification and response.
- Designed system architecture, database models, and user workflows for scalable security monitoring.

SKILLS, TRAINING, ACTIVITIES & INTERESTS

Technical Skills: TensorFlow Lite, YOLO, OpenCV, Machine Learning, Computer Vision

Skills: Event Management, Leadership, Time Management, Team Collaboration, Communication, Mentoring

Activities: inSTEM, HackUTA, UTA ACM, UTA LHP, Honors Programming Board, Student Government

Interests: Sports, Technology, Entrepreneurship, Travelling, Hackthons

Languages: English, Hindi