Logan T. Wilcox

Instructional Technologist | FAA Part 107 Remote Pilot

Humble, Texas · cr0sshairs.com/resume · linkedin.com/in/logantwilcox

Instructional technology professional and FAA Part 107 remote pilot with experience in faculty training, LMS support, VR/360 learning, multimedia production and hands-on technical support.

RELEVANT EXPERIENCE

Instructional Support Specialist

Houston City College | Oct 2024 - Present

- Train faculty, staff and students in VR, 3D printing, lightboard production and multimedia editing for instructional use.
- Create 360° VR learning content through filming, editing, processing and distribution.
- Support instructional technology across two campuses, including VR/XR headsets and professional 3D printers.

Instructional Technology Support & Training Specialist I / II

University of St. Thomas | 2012 - 2019

- Served as lead Blackboard support technician and training specialist for faculty and students.
- Supported instructional video recording, editing, archiving and management using Mediasite.
- Trained departments on Aquifer website tools and contributed to a campus mapping project using Google tools.

Founder & Lead Technologist

Subspace Training, LLC | Feb 2026 - Present

- Develop immersive training concepts and prototypes using WebXR, 360° media and 3D environments.
- Build image-based 3D reconstruction workflows and maintain self-hosted development tools.

President

Houston Gem & Mineral Society | 2024 - 2025

- Led board meetings, organizational planning, community outreach and educational initiatives.

TOOLS & CAPABILITIES

Faculty and technical training · Blackboard and LMS support · XR/VR · 360° media · Lightboard video · 3D printing · Flight planning · Aerial photo and video · Linux, Docker and Proxmox

EDUCATION & CERTIFICATION

FAA Remote Pilot Certificate (14 CFR Part 107) | Federal Aviation Administration | Oct 2026

B.A.T., Artificial Intelligence & Robotics | Houston City College | In progress

SELECTED WORK

Photography · Drone & spatial media · Technology projects