

Junyu Lu

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Professional Summary

Dedicated and safety-driven professional with nearly **4½ years of experience** in **autonomous vehicle operations** at Waymo. Recognized for exceptional situational awareness, technical precision, and a **zero-accident record** throughout thousands of operational miles in complex urban environments. Highly familiar with **San Francisco and Bay Area road networks**, local traffic patterns, and real-world edge cases encountered in autonomous driving systems.

Combines strong **analytical and problem-solving abilities** from a **Computer Science background** with the discipline and patience required for large-scale autonomous testing and data validation. Efficient, focused, and deeply committed to advancing the safety, performance, and reliability of self-driving technologies.

Professional Experience

Waymo LLC — Autonomous Vehicle Operator

June 2021 – Present | San Francisco, CA

- Safely operate and monitor autonomous vehicles in dynamic public-road and test-track environments.
 - Utilize Linux-based tools to verify system logs, perform diagnostics, and document software irregularities.
 - Maintained a 100% safety record while contributing to hundreds of mission hours and regression test runs.
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Education

M.S. in Computer Science

Georgia Institute of Technology

B.S. in Electrical Engineering

University of California, Los Angeles (UCLA)

Technical Skills

Languages: Java, JavaScript, C++, Python

Frameworks: React, Express.js, GraphQL

Databases: MongoDB, MySQL

Operating Systems: Linux, Windows, macOS

Tools & Practices: Git, REST APIs, Agile Development, Autonomous System Testing