

Applied Intuition Company Overview

About us:

Applied Intuition is a vehicle software supplier that accelerates the adoption of safe and intelligent machines worldwide. Founded in 2017, Applied Intuition delivers the AI-powered ADAS/AD toolchain, vehicle platform, and an autonomy stack to help customers shorten time to market, build high-quality systems, and create next-generation consumer experiences. 18 of the top 20 global automakers trust Applied Intuition's solutions to drive the production of modern vehicles. Applied Intuition serves the automotive, trucking, construction, mining, agriculture, and defense industries and is headquartered in Mountain View, CA, with offices in Ann Arbor and Detroit, MI, Washington, D.C., Stuttgart, Munich, Stockholm, Seoul, and Tokyo. Learn more at appliedintuition.com.

Founding team:

Qasar Younis

Qasar Younis is the Co-Founder and CEO of Applied Intuition. Before founding Applied Intuition, he was a Partner and COO of Y Combinator, a prominent venture accelerator in Silicon Valley. Prior to Y Combinator, Qasar founded a technology firm, which was later acquired by Google, and worked as an automotive engineer at General Motors and Bosch. Younis has a bachelor's degree in mechanical engineering from Kettering University (formerly known as General Motors Institute) and an MBA from Harvard Business School.

Peter Ludwig

Peter Ludwig is the Co-Founder and CTO of Applied Intuition. Peter did his undergraduate and graduate studies at the University of Michigan in Computer Science. He spent 5 years at Google in engineering, where he led efforts on Google Maps and Android Automotive. In 2017, he started Applied Intuition with co-founder Qasar Younis, and since then, Applied has established itself as a leading vehicle software supplier, providing its software products to 18 of the top 20 global automakers and many defense companies, enabling next generation autonomous technology and vehicle software experiences.

Products:

Object Sim

Simulator for planning, prediction, and controls development

Sensor Sim

Physically accurate simulator to develop, test, and validate sensor suites and perception systems

Log Sim

Log-based testing tool to identify, reproduce, debug, and resolve issues from real-world testing

Cloud Engine

Execution engine that runs object, sensor, and log simulations at scale in the cloud

VehicleSim

Leading vehicle dynamics simulation tool with extensive and accessible example vehicle models.

Data Explorer

Visualization and query tool for collected log data

Synthetic Datasets

Synthetic dataset generation tool optimized to train machine learning (ML) models

Validation Toolset

Verification and validation tool to accelerate production deployments safely

Test Suites

Pre-defined scenario suites to comply with regulations and build a safety case

Map Toolsets

Tool to create maps for use in simulation or on vehicles and generate test cases at scale

On-board platform

SDK with APIs and reference applications to build custom applications and experiences

Off-board platform

Cloud-based products for managing and maintaining software on vehicles and fleets

Workbench

Cloud-based integrated development and testing environment for all vehicle software development

Autonomy stack

Validated software stack that enables manufacturers to build complex off-road and trucking production programs

Contact Information:

For media inquiries, please email us at press@applied.co