

Long Nguyen

Master Machine Learning Student University Tübingen

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Education

2023 – 2025	University Tübingen MSc Machine Learning <ul style="list-style-type: none">Thesis: Addressing the Fundamental Barriers towards End-to-End Driving in Simulation.Advisor: Prof. Dr.-Ing. Andreas Geiger, Kashyap Chitta.Overall Grade: 1.1
2020 – 2023	University Tübingen MSc Computer Science (90 ECTS) <ul style="list-style-type: none">Research Project: Exploring combinatorial optimization and graph visualization.Advisor: Prof. Dr. Michael Kaufmann.Overall Grade: 1.0
2017 – 2020	FH Heilbronn BSc Medical Informatics <ul style="list-style-type: none">Thesis: Automatische Erkennung von Zellformen aus der Blutmikroskopie. Grade 1.0.Advisor: Prof. Dr.-Ing. Daniel Pfeifer.Overall Grade: 1.8
2011 – 2016	Wilhelm-Dörpfeld-Gymnasium Abitur (Overall Grade: 1.9)

Professional Experience

2024-2025	DeepScenario Software Developer <ul style="list-style-type: none">Robotics, Machine Learning.Data-driven traffic simulation.
2022 - 2024	Bosch GmbH Software Developer <ul style="list-style-type: none">Simulation, Robotics.C++ safety simulator. L2 autonomous driving and parking system.
2020 - 2024	University Tübingen Tutor <ul style="list-style-type: none">Theoretical CS, Algos & Complexity, Statistics, Probability (Bachelor & Master lectures)Exercise grading, weekly tutor sessions.
2018 - 2020	FH Heilbronn Tutor <ul style="list-style-type: none">Database, Software Engineering (Bachelor Lectures).Individual group mentoring.

Awards

2025	<i>CVPR 2025 - Waymo Vision Based E2E Driving, ranked second</i>
2025	<i>Reinforcement Learning Lecture - Hockey Competition, ranked first</i>
2024	<i>Self-Driving Lecture - Modular Pipeline, ranked third</i>
2024	<i>Deep Learning Lecture - Object Detection, ranked fourth</i>
2023	<i>Graph Theory Lecture - Automatic Graph Optimization, ranked first</i>

Soft & Technical Skills

Language Vietnamese (native), German (C2), English (C1)

Programming Python, PyTorch, Numpy, CARLA, Git, OpenCV, CMake, Make, C++

Hobbies

Brazilian jiu-jitsu.

Publications

2026 | 1. Nguyen, L. *et al.* LEAD: Minimizing Learner-Expert Asymmetry in End-to-End Driving (2026).

2025 | 2. Nguyen, L. *et al.* Open X-AV: Unifying End-to-End Autonomous Driving Datasets. *CVPRW2025* (2025).