Long Nguyen

Master Student University Tübingen

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Education

2023 – 2025 | **University Tübingen** *MSc Machine Learning*
- 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 acquired, discontinued)*
- Research Project: Exploring combinatorial optimization and graph visualization. Advisor: Prof. Dr. Michael Kaufmann.
- Overall Grade: 1.1

2017 – 2020 | **FH Heilbronn** *BSc Medical Informatics*
- 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*
- Robotics, Machine Learning.
- Data-driven traffic simulation.

2022 - 2024 | **Bosch GmBH** *Software Developer*
- Simulation, Robotics.
- C++ safety simulator for L2 autonomous vehicle system.

2020 - 2024 | **University Tübingen** *Tutor*
- Theoretical CS, Algos & Complexity, Statistics, Probability (Bachelor & Master lectures)
- Exercise grading, weekly tutor sessions.

2018 - 2020 | **FH Heilbronn** *Tutor*
- Database, Software Engineering (Bachelor Lectures).
- Individual group mentoring.

Awards

2025 | *CVPR 2025 - Waymo Vision Based E2E Driving,* ***ranked second***

2025 | *CVPR 2025 - Waymo Scenario Generation,* ***ranked third***

2025 | *Reinforcement Learning Lecture - Hockey Competition,* ***ranked first***

2024 | *Self-Driving Lecture - Modular Pipeline,* ***ranked third***

2024 | *Deep Learning Lecture - Object Detection,* ***ranked fourth***

2023 | *Graph Theory Lecture - Automatic Graph Optimization,* ***ranked first***

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. *CVPR 2026 (In Review)* (2026).

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