

# Long Nguyen

Master Machine Learning Student University Tübingen

✉ long.pollehn@gmail.com    🏠 Reutlingen, 72760  
🌐 ln2697    🌐 ln2697.github.io

## Education

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

## Professional Experience

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

## Awards

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

## 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).