Eugenio Chisari

eugenio.chisari@gmail.com | Homepage

Education

University of Freiburg (expected April 2025)

Ph.D. in Computer Science. Advisors: Abhinav Valada, Wolfram Burgard

- **Technical Skills**: rgbd camera setup (intrinsics, extrinsics, calibration), point cloud manipulation (Open3D, Pytorch3D), robotics (kinematics, urdf, simulation), deep learning (Pytorch), generative policy learning (diffusion, flow matching).
- **Long-Term Vision**: leading, planning and owning a 4-year long end-to-end research study.
- **Communication**: presented research results at international conferences with thousands of participants (ICRA 2021 - Xi'an, China; ICRA 2022 - Philadelphia, USA; IROS 2024 - Abu Dhabi, UAE; CoRL 2024 - Munich, Germany).
- **Leadership**: supervised many Master Theses. Learned how to push good students and encourage struggling ones. Learned to strike a balance between focusing on details and steering the project towards the long-term goal.
- **Leadership**: organized and assisted teaching (TA) for multiple classes (100+ students). Resolved conflicts originating from students' complaints (grades, schedule).

ETH Zurich (2020)

Master of Science in Mechanical Engineering

Focus on Robotics, Systems and Control

ETH Zurich (2018)

Bachelor of Science in Mechanical Engineering

Focus on Mechatronics

Work Experience

Google LLC | Homepage

Associate Product Manager Intern. Jun 2023 – Aug 2023

- Within YouTube Ads, I coordinated with a cross-functional team and drove the launch of new advertiser-facing content suitability features.

ANYbotics AG | Homepage

Robotics Software Engineer Intern. Sep 2018 – Mar 2019

- Development, testing and deployment of software solutions for ANYmal, a multi-purpose legged robot.

AMZ Driverless, Team 2018 | PDF | Video | Homepage

Trajectory and Vehicle Dynamics Control Engineer. Sep 2017 – Aug 2018

- AMZ is the most successful team in the history of 'Formula Student Driverless', an international event where students from universities from all over the world compete with self-developed autonomous race cars.
- **Technical Skills**: C++, ROS, Git, Planning and Control, Vehicle Dynamics, Trajectory Optimization.
- **Teamwork**: worked in an amazing team of 16 people from 11 nationalities, united towards a common goal.
- **Teamwork**: experienced firsthand how it's not the best car that wins the competition, but the best team. Issues are unavoidable. The way you prepare for the unexpected and the processes you have in place are what make the difference.
- **Leadership**: understood that the job of the leader is not to provide answers but rather to ask the right questions. "How does this bring us closer to the goal?", "How will this fit in the overall design?". Also, encourage healthy discussions and counterarguments. You want all 18 brains working on the project, not just 2.

Institute for Dynamic Systems and Control, ETH Zurich | Homepage

Control Systems I and II Teaching Assistant. Sep 2016 – Aug 2018

- Theory review, explanation, solution and correction of exercises for a class of second-year engineering students.

Selected Research Projects

For a complete list, please visit my homepage.

- "Learning Robotic Manipulation Policies from Point Clouds with Conditional Flow Matching" [Link]
- "Object-Aware Implicit Representation for Simultaneous Shape Reconstruction and 6-DoF Grasp Estimation" [Link]
- "Interactive imitation learning in robotics: A survey" [Link]
- "Correct Me if I am Wrong: Interactive Learning for Robotic Manipulation" [Link]
- "Learning from Simulation, Racing in Reality" [Link]

Hard Skills

Python, C++, Matlab, HTML, CSS, JS, Robotics, Machine Learning, Computer Vision, English, Deutsch, Italiano