Name	Luca Tognoni
Address	Bionstrasse 14, 8006 Zürich
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Birthday	26.10.2000

Education

Sep 2023 - Present	Master in Robotics, Systems and Control, ETH Zürich
Sep 2020 - Aug 2023	Bachelor in Electrical Engineering and Information Technology, ETH Zürich (GPA: 5.36/6)
Jun 2019 - Oct 2019	Military Basic Training *Richtstrahlschule 62*
Aug 2015 - Jun 2019	Gymnasium: Kantonsschule Zürich Nord *Profile: Mathematics and Natural Sciences*

Experience

Sep 2023 - Present	Teaching Assistant Autonomous Cars and Robots
Feb 2023 - July 2023	Control Engineer on the ForzaETH F1TENTH Team of ETH Zürich *Working on the Autonomous Racing Software Stack*
Oct 2018 - Present	Swimming Coach, Wassersport-Club Kloten *Head Coach since September 2022*

Projects

July 2023	Bachelor Thesis: *Design and Implementation of a Trailing Controller for Autonomous Racing in the Context of F1TENTH* *Awarded with Best Bachelor Thesis at the ETH Center for Project-Based Learning*
June 2023	1st Place at the ICRA 2023 F1TENTH Grand Prix
Feb 2022	Swiss Vote Prediction using Deep Neural Networks

Skills

Languages

German	native
English	C2
French	B1
Italian	A2

Technical

Programming:	C/C++, Python, Matlab, ROS, Git, Bash
Control:	PID, MPC, DeePC, Reinforcement Learning
Hardware:	PCB Design, 3D Printing