



Damian Keller

BSc Mechanical Engineering Student, ETH
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Education

- Sep 2024 – BSc Mechanical Engineering ETH Zürich
*Additional Courses outside of the Examination Blocks:
Control Systems II, Advanced Finance, Model United Nations*
- Aug 2017 – Jul 2023 Kantonsschule Rychenberg Winterthur
*Bilingual Modern Languages Profil (Language of instruction: English)
Major Spanish/Elective English*
- Dec 2020 – May 2021 Flour Bluff Highschool Corpus Christi, Texas, USA
J1 Exchange Program in the United States of America

Extracurricular Involvement

- Sep 2025 – Hardware Engineering Lead Bimanual Setup. Robot Learning Division, ETH Robotics Club
*Leading a team of 3-4 people in developing and maintaining a leader-follower setup
CAD for Manufacturing
Integration of hardware components including Gello-style leader arms (Dynamixel servos, power supply, controllers) and ORCA hands*
- Feb 2026 – Board Member for Communications, Recmaths Zurich
Social Media and Design for the Recreational Mathematics Club in Zurich

Projects

- Sep 2025- Dec 2025 ETH Innovationsprojekt
- Oct 2025- Robot Cooking
*SPH Project with SO-101 Arms
Robot Learning Policies (Diffusion)*
- Dec 2024 Matlab Simulink Challenge 2024
*Collaborated in a team to design and develop the robot arm “Cookie Monster”
Implemented Controls using Simulink
Created the Video for the official YouTube competition submission*
- Feb 2022 – Jan 2023 Maturitätsarbeit Generative Art – Creating Art with Algorithms
*Self-taught JavaScript (p5.js)
Created art using classical and experimental algorithms
Various conceptual artworks (Mixed-Media: Print, Digital, Textile)
Grade 6.0/6.0*

Work Experience

- Jan 2024 – May 2024 Combat Medic / Driver C1, Swiss Armed Forces
*Basic Training in a Reconnaissance Unit
Certified Tactical Combat Casualty Care (TCCC-CMC Tier 3)
Certified Pre-Hospital Trauma and Life Support (PHTLS)*
- Feb 2023 – Nov 2023 Administrative Support & Event Management, Thomas K. Keller Architekten
*Independently organized a company event for 250 guests
Coordination of participating suppliers and assisting with workflows behind the scenes
Involvement in the firms rebranding and new website*

Volunteering

2020 -

Scout Leader Kadetten Winterthur

Swiss Federal Office for Sport: Leiterkurs J+S Lagersport und Trekking

Languages

German (Native) | English (C2, Cambridge Certificate of Proficiency in English) |

Chinese (Native, spoken only) | French & Spanish (B2/Maturitätsniveau) | Latin ("Kleines Latinum")