

Caleb Churata

Mechatronics Engineering Student · Robotics Student Fellow

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Education

UTEC - Universidad de Ingeniería y Tecnología , Mechatronics Engineering	Lima, Peru Aug 2022 – present
ETH Zürich , Robotics	Zürich, Switzerland July 2026 – Aug 2026

Experience

Robotic Systems Lab, ETH Zürich , Robotics Student Fellow Robotics Student Fellow in the ETH Robotics Student Fellowship (RSF) program — legged robotics research with the RSL team.	Zürich, Switzerland July 2026 – present 2 months
IEEE Robotics & Automation Society UTEC , Director de Proyecto Leading the LÁK Biped project, a bipedal robot inspired by Disney's BDX robot.	Lima, Peru Feb 2026 – present 7 months
IEEE Robotics & Automation Society UTEC , Presidente	Barranco, Peru Jan 2025 – Feb 2026 1 year 2 months
ETH RobotX , ETH Robotics Summer School 2026 — Participant One of 50 students worldwide invited to the ETH Robotics Summer School 2026 — an intensive week combining robotics theory with hands-on programming of autonomous, all-terrain quadruped robots, culminating in a search-and-rescue competition.	Geneva, Switzerland July 2026 – July 2026 1 month

Awards

2nd Place, IROS 2025 (Volting Cup) Awarded by IROS 2025 for the FreeWheels project — an intuitive-control wheelchair for athletes — presented at Volting Cup 2025 in China.	Oct 2025
Smart City Challenge — Winning Team Awarded by Darat Latam / UTEC Ventures, recognizing the project with the greatest potential impact on smart urban environments.	Apr 2025

Projects

Obedience — Bipedal Robot Autonomous bipedal robot with capture-point walking control, built on ROS 2, MuJoCo, and Pinocchio.	Jan 2026 – present
FreeWheels Intuitive-control wheelchair for athletes. 2nd place, IROS 2025 China; winner, Smart City Challenge.	Oct 2025 – Oct 2025
LÁK Biped Bipedal robot inspired by Disney's BDX robot, IEEE RAS UTEC.	Feb 2026 – present

Skills

Robotics & Controls

Embedded & Hardware

Programming

Languages

Spanish

Native

English

Professional working proficiency

Interests

Research