

Aksel Salmi

Providence, RI | aksel@akselsalmi.com | [linkedin.com/in/akselsalmi](https://www.linkedin.com/in/akselsalmi) | akselsalmi.com

EDUCATION

Brown University August 2025 — Present
Bachelor's of Science, Mechanical Engineering, anticipated May 2029
Providence, RI

- Cumulative GPA: 4.0/4.0

Inter-Community School Zurich (ICSZ) August 2019 — June 2025
IB Diploma
Zurich, Switzerland

- HLs: Physics, Math Analysis & Approaches, Design Technology
- SLs: English A Language & Literature, Spanish B, Economics

WORK EXPERIENCE

Monitor In Training at the Brown Design Workshop January 2026 — Present
Brown University
Providence, RI

- Trained on all equipment in the Brown Design Workshop
- Learning to teach and lead workshops to members of the Brown and public community

Intern Designer on Design Team June 2024 — July 2024
Casa Batlló by Gaudí
Barcelona, Spain

- Paid intern at Casa Batlló, a UNESCO World Heritage sit and museum
- Designed audio and visual experiences and promotional materials for museum, speaking entirely in Spanish

PROJECTS

Pedalbox Subsystem Lead, Brown Formula Racing August 2025 — Present

- Creating Brown University's Formula Racing Team's pedalbox for their 2026 formula-style car for FSAE Michigan, North America's largest collegiate engineering and racing competition
- Using manual and CNC machining, Solidworks, and Ansys to design and fabricate parts within allowable stress tolerances

Cofounder, Design Club at ICSZ August 2021 — June 2025

- Taught younger students design and coding skills to create unique personal websites
- Created a video wall to display school art and information using repurposed laptops, designing hardware to mount them and software to allow synchronization across multiple screens

Presenter and Organizer, TEDx ICSZurich Youth August 2021 — June 2025

- Grade 10: Presented on the value of open source software; one of 5 speakers chosen from 25 applicants
- Grades 11+12: Co-led, with one partner, official TEDx event, inviting speakers, editing presentations, and emceeing

EXTRACURRICULAR ACTIVITIES

Brown University Ski Team August 2025 — Present

- Compete in United States Collegiate Ski and Snowboard Association MacConnell Division for Slalom and Giant Slalom
- Earn certified FIS points at competitions; train four times a week all year

OTHER EDUCATIONAL EXPERIENCES

Residential Pre-College Program at Rhode Island School of Design Summer 2023

- Attended a five-week program on Industrial Design, with foundational art classes; 2 products chosen for final exhibition

Residential, Pre-College Program at California College of the Arts Summer 2022

- Studied Industrial Design during a four-week, college-level program; created a collapsible chair and modelled a foam shoe

SKILLS

- **Skills:** CAD modelling, Machining (manual mill & lathe), CNC milling, FEA, 3D printing, laser cutting, woodworking, TIG welding, and soldering
- **Software:** Solidworks, Fusion 360, Davinci Resolve, Bambu Studio, Matlab, Adobe Photoshop, and Adobe Illustrator