JANOSCH MOOR

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SUMMARY

Computer Science student at ETH Zurich (currently on exchange at NTNU, Trondheim). Strong foundation in algorithms, data structures, and systems programming, with practical experience across C, Java, JavaScript, and TypeScript. Proven ability to deliver projects from concept to execution, combining technical depth with collaborative teamwork. Available full-time for a 13—17 week internship in Summer 2026, willing to pause studies if required. Expected graduation: 2026.

EDUCATION

ETH Zürich — BSc Computer Science
2023 — present | Exchange at NTNU, Trondheim (2025)

Gymnasium Bäumlihof, Basel
2018 — 2022 | Swiss Matura (bilingual) and International Baccalaureate (focus on Mathematics & Natural Sciences)

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript, TypeScript
Frameworks & Tools: Next.js, React, Firebase
Expertise: Algorithms, Systems Programming, Computer Architecture, Formal verification
Other: Git, Full-stack development, Hardware prototyping (Arduino, embedded systems)

PROJECTS & EXPERIENCE

AI-driven EdTech Solution — StartHack 2024 Winner
Developed an AI-driven personalised learning solution for the City of St. Gallen with a team of ETH students, leveraging Lehrplan 21.

Arduino Pen-Plotter Project
Designed and built a custom Arduino-based pen-plotter. Implemented full software stack: image-to-line conversion, optimised instruction encoding, and stepper motor control with interrupts for precise timing within 32KB memory constraints.

ADDITIONAL EXPERIENCE

Swiss Military Service (RS 2022)
Completed 4 months of infantry training, developing leadership and resilience.

First Responder, Basel (since 2020)
Part of emergency response chain, providing CPR and first aid prior to ambulance arrival.