

Julia Olivia Gschwind

Personal Information

Name Julia Olivia Gschwind
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Location Cambridge, UK
Date of Birth 24. June 2000
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Education

Feb 2024 - Feb 2026 Computer Science MSc, ETH Zurich
Major: Visual and Interactive Computing
Minor: Machine Learning
Sep 2024 - Jan 2025 Computer Science MSc (Semester Abroad), UPC Barcelona
Sep 2020 - Feb 2024 Computer Science BSc, ETH Zurich
Feb 2023 - May 2023 Computer Science BSc (Semester Abroad), HKUST

Experience

Mar 2025 - Aug 2025 Visiting Student, University of Cambridge
Thesis topic: "Data-Driven Identification and Simulation of Decarbonization Strategies for Residential and Commercial Energy Systems"
Jun 2024 - Sep 2024 Software Engineering Intern, Google Switzerland
Integrated AI features for Google Shopping.
Skills: Full-stack development, C++, Python, Java, Typescript
Sep 2023 - Feb 2024 Bachelor Thesis Student, Disney Research Studios Zurich
Thesis topic: "Attention for Visual Sound Source Localization".
Implemented and tested various guide attention mechanisms for transformers.
Jul 2023 - Sep 2023 STEP Intern, Google UK
Building internal tools for Site Reliability Engineers.
Skills: Distributed Systems, Performance Monitoring, Go, Python, SQL
Sep 2021 - Feb 2022 Teaching Assistant, ETH Zurich
Teaching 25 students in the course "Introduction to Programming".
Involved holding weekly exercise sessions and correcting submissions.
Mar 2020 - Jun 2020 Covid Volunteer, Hospital Solothurn

Awards

May 2023 Dean's List, Hong Kong University of Science and Technology
Jun 2020 Best Matura in Music and Arts
Apr 2020 Alfred Escher Prize, ETH Zurich
Innovation award for paper: „A Smart Kitchen Cabinet to Reduce Food Waste“
Description: <https://www.youtube.com/watch?v=aXfYMK4muvE>
Apr 2020 Predicate "Excellent", National Competition Swiss Youth in Science

Aug 2019	Bronze Medal, International Geography Olympiad, Hong Kong 2019
Jun 2019	Bronze Medal, European Geography Olympiad, Belgrade 2019
May 2019	1. Price Science on the Move Competition, Hoffmann-La Roche
Sep 2018	Gold Medal, Swiss Geography Olympiad, Bern 2018

Languages

German	Native
English	Level C2, Cambridge Certificate of Proficiency
Spanish	Level A2
French	Level A2
Programming	Java, Python, C++, Go, C#, TypeScript, OCaml, Haskell