

Kyla Kaplan

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EDUCATION

Università della Svizzera italiana

Lugano, Switzerland

Master of Science in Financial Technology & Computing

Jan. 2025 – Jan. 2027 (exp.)

Bachelor of Science in Informatics


Sep. 2021 – Jan. 2025

- **Bachelor Thesis:** worked with *Lifeware* and *Glamorous Toolkit (GT)* team to design internal IDE tools for legacy codebase. Paper is available [here](#). Participation @ ESUG 2024 is seen [here](#).
- **Focus:** OOP, Numerical Computing, Machine Learning

EXPERIENCE

Junior Software Engineer

Dec. 2023 – Present


 *Squarelife, subsidiary of Lifeware – SKILLS*

Bioggio, Switzerland

- Contributing to a full-stack software team developing a CRM/ERP web-based application for the pan-European insurance sector, using the legacy OOP language Smalltalk and adhering to TDD and XP development practices.

Business Systems Data Analyst

Jul. 2023 – Dec. 2023


 *Advantive*

(Remote) Lugano, Switzerland

- Managed data migration for company acquisitions and streamlined business processes across departments, enhancing case resolution efficiency by 15% using tools like NetSuite, Dynamics365, and Salesforce.

Junior Project Manager

Jan. 2023 – Jul. 2023


 *Pulse Project*

(Remote) Lugano, Switzerland

- Laid the foundations for a startup CRM/ERP application, leading system design through architecture, data modeling, and scalable workflows, while ensuring cross-functional alignment with business needs.

Data Analyst Intern

Jul. 2019 – Sep. 2019

 *NASA (Ames Research Center), via Metis Technology Solutions Inc.*

Moffett Field, CA, USA

- Assisted modeling and visualizing high-fidelity flight simulations in the Vertical Motion Simulator (VMS) at Ames Laboratories as part of a larger project for the US Military.

HACKATHONS

Co-founder of Neural Wave Lugano

Oct. 2024

- Helped organize the first AI-focused hackathon of Lugano, fostering collaboration and innovative solutions among 100+ participants across 18 teams, and securing sponsors in the likes of Bosch, Duferco & Swisscom. See more [here](#).

#herHACK Finalist

2022, 2023

- Finalist 2023: Ideated a solution for Swiss Post for a new e-personal medical record system.
- Finalist 2022: Developed a digital solution & application for UBS, collaboration with MYBLUEPLANET to promote ESG practices in internal organizations.

SKILLS, HOBBIES & ACHIEVEMENTS

Languages: English (mother tongue), Russian (fluent), French (B1) & beginner in Italian

Certificates: NVIDIA DLI's "Fundamentals of Deep Learning" 2022, "Analyze Business Metrics w/ SQL" 2023

Hobbies: HAM Radio License Technician (Call Sign: KN6QCC) 2021, PADI Open Water Scuba Cert., ASA Sailing cert. 2022, 2 time marathoner, avid hiker and snowboarder