



Christopher Narayanan

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Relevant Work Experience

SBB 05.2025 - today

Data Analyst Intern - Supply Chain

- Supporting the end-to-end development of Power BI dashboards for senior management, including requirement gathering, data modelling, and data visualization.
- Conduct ad-hoc analysis with Python to generate actionable insights for ongoing operational decisions.

Novartis 07.2023 - 09.2023 & 07.2024 - 09.2024

Data Science Intern - Digital Finance Basel

Led two comparative performance analyses for financial KPIs used by senior management, which are derived by an underlying model, and a project exploring zero-shot learning solutions (genAI) uses cases for time-series forecasting.

- Identified AI models that are more accurate by 10% and stabler by 30% than the current models being used, discovered weaknesses in these models, and proposed solutions to these issues.
- Collaborated with data scientists and financial analysts to define the scopes for each project and to understand the underlying business needs.
- Utilized Python, particularly Pandas and Plotly, for data manipulation and visualization.

Department of Finance University of Zurich 02.2023 - 01.2025

Junior Software Engineer Zurich

- Designed a proof of concept for fraud detection of digital exams with over 500+ students using Python.
- Managed the technical process of creating and correcting Excel exams for over 1000 students.
- Enabled the usage of custom elements for the homepage by developing webcomponents (React + Tailwind).

University of Zurich 08.2022 - 01.2025

Various Teaching Positions Zurich

Tutor - Intermediate Corporate Finance [Fall 2024]

- Responsible for grading and evaluating case studies of 25 students.

Teaching Assistant - Database Systems [Spring 2024]

- Conducted weekly lab sessions for students, explaining core concepts of databases and discussing exercises.

Tutor - Informatics I [Fall 2022]

- Taught students programming concepts & how to implement the exercises in Python in weekly office hours.

Education

University of Zurich 09.2021 - 04.2025

Computer Science BSc

- Major: Information Systems; Minor: Banking & Finance
- Bachelor Thesis: Visual Validation and Analysis of LLM-Generated Features for Stocks data

Gymnasium Münchenstein 08.2017 - 07.2021

Economics & Law Focus Matura

Projects

Stadt Land Plus - Website (Backend + Frontend) 02.2023 - 05.2023

🔗 <https://github.com/sopra-fs23-group-4/sopra-fs23-group-04-server>

- Using Agile methodology, developed a multiplayer game using Java, Spring Boot, & React.
- Implemented REST/Websockets for real-time gameplay & a democratic response validation system.

Volunteering

Informatics Student Association - University of Zurich 09.2023 - today

Board Member

🔗 <https://icuzh.ch/about/>

Jazz Band No Limits 09.2017 - today

Saxophonist

Languages

English	German	French
Fluent	Naitive	Limited Working Proficiency

Programming Languages

Python	Java	SQL	React	C
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Interests

Basketball	Swimming	Saxophone
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