

SINA MARIA SCHLEGEL



EDUCATION

Bachelor of Arts (B.A. HSG) in Economics

University of St.Gallen (HSG)

Sep. 2023 - Aug. 2026

St.Gallen, Switzerland

- **Current GPA:** 5.63 / 6.00
- **Incoming Exchange:** Università Bocconi, Milan, Italy
Coursework: Mathematical Modelling for Finance; Stochastic Processes and Simulations in Natural Sciences; Advanced Python Programming for Finance.
- **Academic focus:** Data Science and Statistical Modelling; Econometrics and Empirical Methods; Time-Series Analysis; Data Handling; Advanced Microeconomics; Game Theory.
- **Honors:** "Monique Dornonville de la Cour-Stiftung" Excellence Scholarship awarded by the University of St.Gallen in recognition of excellent academic achievement.
- Completed Certificate in Data Science worth 24 ECTS (GPA: 5.79 / 6.00).
- **Bachelor's Thesis** (ongoing): Probabilistic Forecasting for Swiss Inflation – Comparing Machine Learning and Econometric Models using Quantile Regression Forests and Bayesian VARs.

Language Stay

St.Giles International English Language School

Oct. 2022 - Dec. 2022

Brighton, United Kingdom

Bachelor's Program in Mathematics

Swiss Federal Institute of Technology (ETH) Zurich

Sep. 2021 - Oct. 2022

Zurich, Switzerland

- **Academic focus:** Computer Science (C++), Fundamentals of Analysis, Physics, and Linear Algebra.
- Gained foundational knowledge in rigorous proof-based mathematics and computational thinking.

Swiss Matura (Swiss A-Levels)

Kantonsschule Sargans

Aug. 2017 - Aug. 2021

Sargans, Switzerland

- **GPA:** 5.27/6.00
- **Concentration:** Biology and Chemistry
- **Supplementary Subject:** Economics and Law
- **Elective Courses:** Spanish; 3D Printing; Financial Accounting
- **Extracurricular Activities:** Part-time job as an English tutor for a middle school student (Aug. 2019 - Jun. 2021)

PROFESSIONAL EXPERIENCE

Research Assistant at the Chair of Mathematics (10%)

University of St.Gallen (HSG)

Sep. 2024 - present

St.Gallen, Switzerland

- Produce videos to introduce students to mathematical foundations, communicating complex concepts in accessible terms.
- Co-develop supplementary course materials, including problem sets and solutions, for first-year mathematics courses
- Provide direct research support for faculty projects; responsibilities include conducting comprehensive literature reviews, performing preliminary data analysis in R, and generating statistical figures using \LaTeX .

Trainee in Intermediary Banking

VP Bank (Liechtenstein) AG

Jan. 2023 - Sep. 2023

Vaduz, Liechtenstein

- Ensured MiFID II and KYC compliance for a portfolio of international intermediary clients, reducing onboarding deficiencies by identifying and resolving documentation issues prior to submission.
- Managed the end-to-end onboarding workflow for new client accounts, liaising between Intermediaries, Team Leads, and Client Advisors to ensure seamless data integration into CRM systems.
- Handled general administrative tasks and supporting Intermediaries Manager, Team Leads, and Client Advisors in daily operations.
- Improved team workflow by creating a centralized Excel dashboard to track pending tasks and deadlines for client accounts, enhancing coordination between advisors and support staff

SKILLS

Technology

Office; Python; C++; CAD; R; Git; SQL; \LaTeX

Languages

German (Native); English (C1); French (B2); Spanish (B1)