

WORK EXPERIENCE



MATIAS VARELA C.

SOFTWARE DEVELOPER

CONTACT

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LANGUAGES

English	Fluent / Native
German	Fluent / Native
Spanish	Fluent / Native
French	Professional (B2 DELF)
Italian	Limited working proficiency

EXTRACURRICULARS

Qualified for SwissSkills Nationals
Part of the apprentice committee
Class representative

12/2024 - Now

Joint AI execution and enablement

UBS AG

- Worked on an AI-driven Vulnerability Management system using Autogen and LangGraph to suggest upgrades and mitigations. Designed an LLM-powered workflow for SOC incident handling, improving triage and response times. Built a Base Image Comparison tool with LLM verdicts to detect deviations and potential risks. Worked on Entitlements Management with LLM support, enhancing least-privilege enforcement. Leveraged skills such as Git, Python, Prompt engineering, React and Agile methodologies.

09/2023 - 12/2024

Cyber Security Architecture and Innovation

UBS AG

- Developed a Threat Modeling Tool to streamline reviews and identify risks early in the lifecycle.
- Implemented Automated Software Architecture Document (SAD) generation using LLM calls.
- Built an Attestations platform for tracking and verifying vulnerability remediation.
- Created an automated demand intake form.
- Developed a POC for secrets management in Python.
- Applied technologies including Git, Python, React, Node.js, TypeScript, and DevSecOps practices within Agile environments across all projects.

08/2022 - 09/2023

Fundamental Training Year

UBS AG

- Learned Python and Java for application development.
- Built responsive websites with HTML, CSS, Bootstrap, and JavaScript.
- Gained experience in Spring boot and Jakarta EE for backend development.
- Applied SQL for database design and queries.
- Built small-scale full-stack applications.
- Practiced Git for version control and team collaboration.

SKILLS

- Git Version Control
- Python
- React.js
- Typescript
- Node.js
- DevSecOps
- LLM Integration
- Prompt engineering
- Threat Modeling
- Agile Methodologies
- SQL & NoSQL
- HTML & CSS
- Java
- Spring boot
- Jakarta EE
- Full-Stack Development
- DevOps