Henrique Corrales Marchiori

hmarchiori2003@gmail.com | +55 51 99173-7066 | linkedin.com/in/henriquemarchiori
Italian & Brazilian Citizen - No Visa Sponsorship Required (EU)

Languages

English: Fluent | **Mandarin: Intermediate** | **Portuguese: Native**

Education

Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS) — Porto Alegre, Brazil
B.Sc. in Computer Science — *Expected June 2027*

Experience

Software Engineer Intern — June 2025 – Present
Dell Technologies — *Porto Alegre, Brazil*

- Selected through the PUCRS/Dell IT Academy program (700+ applicants)
- Delivered the first working version of a greenfield UI built with .NET micro-frontends within a tight deadline, using a high-efficiency Spec Driven Development workflow on a codebase with no prior team exposure
- Orchestrated an automation tool spanning multiple micro-frontends, replacing a manual setup that required juggling 5 IDE tabs and 20+ terminal commands with a single 20-second script
- Delivered seamless integration of the product with Dell's site-wide AI assistant by adapting existing components to prevent overlap and creating dedicated entry points, streamlining consumer engagement
- Integrated a Langfuse-orchestrated AI agent into a Salesforce-based ERP using Python, giving Business Leaders self-service control over project classification rules
- Built a Spring Boot service that consumes new product releases via RabbitMQ, revalidates credential-flagged assets, and routes eligible ones through Kafka for reprocessing, continuously shrinking the invalid-asset backlog

Academic Experience

Teaching Assistant, Probability & Statistics — 2024
Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS) — *Porto Alegre, Brazil*

Undergraduate Research Assistant (PIBITI-CNPq) — 2022 – 2023
Universidade do Vale do Rio dos Sinos — *Sao Leopoldo, Brazil*

Publications

Estudo sobre a Aplicacao de Visualizacoes Narrativas em Dados Governamentais — 2025
Pontificia Universidade Catolica do Rio Grande do Sul (PUCRS)

EscutACOES, ConversACOES e CompartilhACOES enquanto praticas conectivas na formacao de professores-pesquisadores — 2023
Universidade do Vale do Rio dos Sinos

Technical Skills

Languages: C#, Java, TypeScript, JavaScript, Python, SQL, Apex
Frameworks & Frontend: .NET, ASP.NET Core, Spring Boot, Angular, Micro-frontends, REST APIs
Messaging & Data: Kafka, RabbitMQ, MongoDB, SQL Server, PostgreSQL
DevOps & Infrastructure: Docker, Kubernetes, Git, CI/CD
AI & Development Workflow: Spec Driven Development, Model Context Protocol (MCP), Langfuse, Windsurf
Observability & Tools: Splunk, Postman

Certifications

Business Fundamentals - *Harvard Business Publishing*
First Certificate in English (FCE) - *Cambridge University Press & Assessment English*
International English Course (Advanced) - *Kaplan International College*