

# Eliã Rafael de Lima Batista

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## EDUCATION

<b>University of Lugano (USI)</b> <i>PhD in Informatics</i>	Lugano, Switzerland 2021 – Present
<b>PUC-RS</b> <i>MSc in Computer Science</i>	Porto Alegre, Brazil 2018 – 2020
<b>PUC-RS</b> <i>BSc in Computer Science</i>	Porto Alegre, Brazil 2006 – 2011

## EXPERIENCE

<b>PhD Researcher</b> <i>University of Lugano (USI)</i> <ul style="list-style-type: none"><li>Research and development on distributed dependable systems</li></ul>	Feb. 2021 – Present Lugano, Switzerland
<b>Senior Software Developer</b> <i>Compasso UOL</i> <ul style="list-style-type: none"><li>Full-stack Web Developer — React, Node.js</li><li>Mobile App Developer — React Native, RESTful APIs</li></ul>	2017 – 2020 Brazil, RS
<b>System Analyst</b> <i>Bem Promotora</i> <ul style="list-style-type: none"><li>Analyzed and documented new ERP system features to support business process improvements</li><li>Developed and optimized stored procedures in SQL Server for data processing and reporting</li></ul>	2014 – 2017 Brazil, RS
<b>Software Developer</b> <i>DBServer</i> <ul style="list-style-type: none"><li>Developed and maintained ERP modules using Microsoft Visual Basic to streamline business operations</li><li>Integrated and managed backend logic with SQL Server for efficient data storage and retrieval</li></ul>	2010 – 2013 Brazil, RS

## TECHNICAL SKILLS

**Languages Spoken:** Portuguese (native), English (fluent), Italian (intermediate)  
**Languages:** JavaScript, HTML/CSS, Java, C/C++, SQL (SQL Server), Go, PHP, Visual Basic  
**Frameworks, Methodologies & Libraries:** React, Node.js, React Native, Next.js, Material-UI, Express.js, Agile, SCRUM  
**Developer Tools & Platforms:** Git, Docker, VS Code, Visual Studio, IntelliJ, Eclipse, Postman, Swagger  
**Databases & Storage:** SQL Server, PostgreSQL, Firebase Realtime Database, Firestore  
**Cloud Services:** Firebase Hosting, Firebase Authentication, Firebase Functions  
**Distributed Systems:** State Machine Replication, Atomic Broadcast, BFTSMaRt, Paxos  
**Personal Hobby Project:** [wondersofswitzerland.com](https://wondersofswitzerland.com) — a hobby project written in Next.js showcasing family-friendly destinations for tourists across Switzerland