

Sebastián Zabala Martinez

[LinkedIn](#) | [GitHub](#) | seba.zabala.m@gmail.com |

Software Engineer

Pontificia Universidad Católica de Chile

+56979913820

Profile

As a dedicated web developer, I find immense fulfillment in leveraging my skills to contribute effectively within collaborative teams. My professional focus extends to the dynamic realms of machine learning and data science, reflecting a keen interest in cutting-edge technologies. I am adept at fostering positive working relationships with colleagues, driven by a commitment to collective success. My enthusiasm for continual learning fuels my proactive approach to tackling novel challenges. Outside the tech sphere, my diverse interests encompass volleyball, 3D printing, and board games.

Education

Pontificia Universidad Católica de Chile

2018 – 2023

Santiago, Chile

- Software Engineer, Minor in Computer Sciences and Technological Foundations.

Work Experience

Intern

July 2023 – September 2023

Frogmi

- Internship as a Full Stack Developer, specializing in the creation of comprehensive reports for clients through the utilization of AWS microservices implemented in Go. Hands-on experience in both backend and frontend development using Ruby on Rails.

Research Assistant

March 2023 – July 2023

Pontificia Universidad Católica de Chile

Department of Computer Science

- Engaged in agent-based simulation research for the sociological examination of drug-related crimes in Santiago, Chile.

Data Mining Assistant

July 2021 – December 2022

Pontificia Universidad Católica de Chile

Department of Computer Science

- Conducted design and evaluation grading using Python, with extensive utilization of Pandas and NumPy. Involved in course planning and provided teaching assistance.

Backend Developer and DevOps

July 2021 – December 2021

Red Nabu

Capstone

- Contributed to the development of a medical platform facilitating patient enrollment, tracking, and control within clinical trials. Led the design and implementation of software architecture, deployment, and backend systems.

Software Developer

August 2021 – June 2022

Pontificia Universidad Católica de Chile

Caleuche UC Interdisciplinary Team

- Actively participated as a member of the Caleuche UC Simulation Team, including involvement in the international Maritime RobotX Challenge. Led the design and development of ROS architectures for communication within an autonomous system.

Advanced Programming Assistant

March 2020 – July 2020

Pontificia Universidad Católica de Chile

Department of Computer Science

- Contributed in the design and grading of assessments using Python.

Skills

| | | |
|----------------------|---|---|
| English Level | - | Advanced, 985 points on TOEIC exam (C1) |
| Languages | - | Proficient in Python and Go. Experience with: JavaScript, Ruby, SQL, C, and C#. |
| Frameworks | - | Experience with Django, NodeJs, RoR, and ROS. |
| Others | - | Proficient in data handling libraries such as Pandas and Numpy, machine learning libraries like sklearn and torch. Experience with AWS. |