



TOBIAS ECHENIQUE

Date of birth 13/03/2001
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B.SC. IN COMPUTER SCIENCE AND SOFTWARE DEVELOPMENT

Born in 2001. Software Developer and graduate with a Bachelor's Degree in Computer Science and Software Development from Universidad de Aconcagua, Mendoza, Argentina, in September 2025. I have professional experience as a Functional Analyst and as a Full Stack Developer using Java Spring Boot and React JS in banking and oil industry businesses. I also have numerous personal and university projects using other languages and frameworks such as Python, Ruby on Rails, HTML, CSS, PHP, among others.

SKILLS AND LANGUAGES

English – Advanced (C1)	React	Java (Spring Boot)
Spanish – Native	Lit	Python
	Web Components	SQL (MySQL, PostgreSQL)
	HTML, CSS, Javascript	Ruby on Rails
	Git	Flowcharting

PROFESSIONAL EXPERIENCE

- ASF** February 2025 - Present
- Full Stack Developer**
- Developed a management system for a multinational oil & gas company, used daily by more than 200 employees.
 - Built the frontend with React + Material UI, improving visual consistency across more than 10 modules.
 - Implemented backend services with Spring Boot + Oracle DB, reducing data processing time by 30%.
 - Delivered interactive visualizations (maps, oil wells) that sped up managerial decision-making.
- Freelance - Terraoliva (Mendoza)** February 2025 - September 2025
- Frontend Developer & Project Lead**
- Led the development of a ticketing system that resulted in a 7% increase in the venue's revenue.
 - Direct negotiation with the client and definition of roadmap + Gantt chart.
 - Full frontend development (web version with React and mobile version with React Native).
 - Coordination with another developer responsible for the backend in Ruby on Rails.
 - Production delivery and subsequent support.
- Factor IT** October 2024 - February 2025
- Full Stack Developer**
- Contributed to the development of a car loan management system for an international bank.
 - Implemented frontend features with React, Lit and Web Components, achieving ~25% faster UI rendering.
 - Developed backend services with Spring Boot, improving system stability and scalability.
 - Applied agile practices and CI/CD, reducing bug resolution time by ~20%.
- OpenDev Pro** January 2024 - April 2024
- Functional Analyst**
- Responsible for client communication for the development of their functional requirements.
 - Used Jira Software to create user stories.
 - Developed flowcharts representing the development to be carried out.

EDUCATION

Bachelor's Degree in Computer Science and Software Development – Universidad de Aconcagua, Mendoza **March 2022 – September 2025 (COMPLETED)**

- Obtained the Bachelor's degree in Computer Science and Software Development.
- Obtained the intermediate degree: University Technician in Software Development.
- First contact with Web Development (JavaScript, HTML, CSS, PHP).
- Learned Java and Object-Oriented Programming.
- Learned SQL database management (MySQL).
- Learned to develop research projects.
- Learned about agile methodologies and project management.

Bachelor's Degree in Computer Science – Universidad Nacional de Cuyo, Mendoza

March 2019 – November 2021 (Incomplete)

- Learned Python and basic programming. Developed my own libraries for HashTable, LinkedList, Tree structures and others.
- Studied advanced mathematics (algebra, calculus, analytic geometry).

PERSONAL PROJECTS

Wii-Portfolio – Personal portfolio inspired by Nintendo Wii

My personal web portfolio developed with ReactJS, inspired by the Nintendo Wii main menu interface, where I share a bit about myself and the technologies I have worked with most throughout my career. My goal was to create an aesthetic, creative and distinctive portfolio.

algoritmo-paneles-acusticos – Research project for CONAIISI 2023

At university, for the Integrative Practice course, I developed a research project consisting of an application that detects the early reflections of a room for professional music production purposes and displays the results with an aerial view. It is programmed in Python. This project was selected to participate in the 11th National Congress of Computer Engineering / Information Systems, held in November 2023.
