

García González Julián Manuel

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Education

- Aug 2022 - **Master in Computer Science**, *Pontificia Universidad Católica de Chile*.
Today
 - o Researched an efficient framework to perform time-window queries on Complex Event Processing, using an extension of timed automata.
- Mar 2018 - **Bachelor of Science in Engineering**, *Pontificia Universidad Católica de Chile*, GPA: 3,28.
Jul 2022

Experience

Software Engineer

- Sep 2023 - **Part time Software Engineer**, *KIADAM*, Santiago, Chile.
- Dec 2024
 - o Built a dataset generation web application using data augmentation to ease the object detection dataset construction workflow on React and Flask, using Azure Functions.
 - o Worked on machine-learning-powered volume estimation using Tensorflow, Colab and openCV, among other technologies.
- Mar - Oct 2024 **Software Engineer (Freelancer)**, *Colaboración Estratégica*, Santiago, Chile.
 - o Built an internal web application built on React and Django to manage data and create reports.
- Feb 2021 - **Part time Software Engineer**, *RM Solutions SPA*, Santiago, Chile.
- Aug 2023
 - o Continued working on an ASP.Net application to perform proximity messaging through a Telegram Bot
 - o Built an ASP.Net Shopify extension to expose OData APIs of the store's data
- Feb 2020 - **Software Engineer Internship**, *RM Solutions SPA*, Santiago, Chile.
- Feb 2021
 - o Built an ASP.Net application to perform proximity messaging through a Telegram Bot.

Teaching Assistant

- Mar - Jul 2024 **Teaching Assistant on Advanced Computer Programming / Logic for Computer Science**, *Pontificia Universidad Católica de Chile*.
- Aug - Dec 2023 **Teaching Assistant on Formal Languages and Automata Theory**, *Pontificia Universidad Católica de Chile*.
- Mar - Jul 2023 **Teaching Assistant on Logic for Computer Science**, *Pontificia Universidad Católica de Chile*.
- Aug - Dec 2022 **Teaching Assistant on Design and Analysis of Algorithms / Formal Languages and Automata Theory**, *Pontificia Universidad Católica de Chile*.
- Mar - Jul 2022 **Teaching Assistant on Discrete Mathematics / Advanced Computer Programming**, *Pontificia Universidad Católica de Chile*.
- Aug - Dec 2021 **Teaching Assistant on Formal Languages and Automata Theory**, *Pontificia Universidad Católica de Chile*.

Development Skills

Advanced python, Javascript / Typescript, React, Linux, Numpy, PostgreSQL, Flask
Intermediate Docker, Azure Functions, Azure App Service, Django, FastAPI, ExpressJS
Basic Ruby on Rails, Sveltekit, Docker Compose

Languages

Spanish **Native**
French **C1**
English **B2**