

Juan Adolfo Rosauer Herrmann

Software Engineer

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Im a last year software engineering student. I enjoy tackling complex problems that allow for the building of exciting solutions. I encourage whomever it may concern to visit my personal website for a deeper look into my personal projects and character.

Professional Experience

Software Development

Freelance

May 2023 - November 2023

Flutter, Python, GCP.

Developed a personalized stock management solution for a local coffee shop. Leveraged Flutter to provide a multi-platform tool to be used by employees, and cloud services (GCP) to provide further functionality and data management.

Software Development

Freelance

February 2023 - May 2023

Python.

Developed various Python scripts for a local architecture firm with the objective of making work pipelines more effective. Included the creation of a Python executable application which provided an UI to insert data and export it as a personalized business PDF for clients.

Education

Software Engineering March 2020 - Present

Instituto Tecnológico de Buenos Aires (ITBA) at Buenos Aires, Argentina

International Baccalaureate (IB)

Sunrise School at Cipolletti, Rio Negro

Key Skills

- **C, Assembly - Proficient**
- **Java - Proficient**
- **Python - Proficient**
- **SQL - Proficient**
- **Flutter, Dart - Competent**
- **Go - Competent**
- **Web Development (JS, React, Vue) - Competent**

Notable Projects

Boca OS

C, Assembly, UNIX.

A simple x86 UNIX compliant OS . Implementation of kernel, drivers and user-space applications.

Moovie

Java, SQL, API REST.

A movie database and social platform. Implementation of a server-side web application, with advanced features such as authentication and advanced querying/filtering running on a Java Spring server. Later refactored into an API REST for client-side rendering.

LAN File Storage

Go, SQLite.

A simple web application built with Go that allows for the fast upload and download of files over the network.

POP3 Mail Server

C, UNIX.

Implemented a POP3 server according to the RFC 1939 specification. Implemented handling of multiple TCP connections with fast and efficient mail transfer.

Certifications

Data Science Career

November 2022

CoderHouse

Certificate of Proficiency in English (CPE) - C2 level

Cambridge

Languages

- **Spanish - Native**
- **English - Native**
- **Dutch - Basic**