Joseph Thomas Mansilla

+54 911 2345-5150 | mansillajoseph@gmail.com | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

21-year-old systems engineering student in his third year. Driven towards technology from a young age, I have always been passionate about problem solving, optimization, actively learning and teaching. Such has been only reinforced by my years of education in college.

EDUCATION

Bachelor of systems engineering – 7.5 Average   **April 2023 - Present**
Universidad Tecnológica Nacional – Facultad Regional Buenos Aires   CABA, Argentina

Secondary Bilingual Degree in Social Sciences with Honors   **March 2017 – December 2022**
9.02 average – Glasgow College   Buenos Aires, Argentina

International General Certificate of Secondary Education with Merit   **November 2022**
University of Cambridge   Buenos Aires, Argentina

First Certificate in English – C1 Advanced – 185 score   **November 2021**
University of Cambridge   Buenos Aires, Argentina

WORK EXPERIENCE

University Class Tutoring: Programming Paradigms   **March 2025 – Present**
UTN FRBA's Paradigmas de Programación Professorship   Caba, Argentina

- Designed and presented class materials to complement lectures and reinforce key topics.
- Mentored students in understanding and applying core programming concepts through exercises.
- Gave classes on multiple programming paradigms, fostering critical thinking and problem-solving skills.

It Consultant   **January 2021 – February 2023**
Pinturerías Casa Seca   Buenos Aires, Argentina

- Created the company's first databases employing normalization and formatting.
- Lead to significant drops in time employees delivering sales and product pitches.
- Required to understand spreadsheets, Power BI, databases, SQL and Python.

PROJECTS

Operating System | GoLang   **April 2025 – July 2025**

- It involved a Kernel and Memory module with multiple instances of CPU and IO modules.
- Divided into three we designated a module for each and worked to connect through http the different calls needed to communicate between the instances of the modules through threads and concurrency.
- I oversaw the memory module that would assign and manage the resources for each process.
- Constant collaboration required between responsible to guarantee performance and functionality.

Full Stack Website | Java, Spring, HTML, CSS,   **April 2025 – November 2025**

- Developed a full stack web application implementing front-end and back-end components using Java, Spring, HTML with Thymeleaf and CSS.
- Designed a multi-module/micro services Architecture enabling communication between modules and API exposure.
- Built and integrated RESTful APIs to handle data exchange and ensure scalability across modules.

TECHNICAL SKILLS

Languages | Spanish: Native, English: Advanced, Portuguese: Basic.
Programming Languages | Java, GoLang, Haskell, Ruby, Scala, MySQL, Python, Spring, Git.