

Fausto Genga

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Personal Summary

I'm a **Computer Science** graduate with a curious mind and a passion for technology that makes a difference. Born in **Argentina** and raised in **Costa Rica**, I've grown up with a mix of **Latin American warmth** and **European influence**. Now based in **Belgium**, I'm continuing my academic journey with a **Master's degree in Artificial Intelligence**. I love working on projects that create **real impact** and thrive in **collaborative, cross-cultural environments**. From interning at **P&G** to leading student teams and moving across continents, I'm always looking for challenges that help me grow — both as a developer and as a person.

* **Languages:** Fluent in English & Spanish – Currently learning Dutch.

Education

Vrije Universiteit Brussel 2024 – Present

*Master of Science in Applied Sciences and Engineering: Computer Science (Specialization: **Artificial Intelligence**) Brussels, Belgium*

ULACIT - Universidad Latinoamericana de Ciencia y Tecnología Jan 2021 – April 2024

Bachelor's Degree in Informatics Engineering (GPA: 93.44/100) San José, Costa Rica

- **Relevant Coursework:** React with Firebase Web Development, HTML/CSS/JS with PHP Web Application, C# Software Application Design, Java Concurrent Client-Server Programming, Data Structures, SQL & Oracle Databases and Query Language, Web Services, Xamarin Forms, Operating Systems and Networks.

La Paz Community School Jun 2019

International Baccalaureate Diploma (Higher Level Subjects: English, Spanish, History) Flamingo, Costa Rica

Experience

P&G - Procter and Gamble Feb 2023 – Mar 2024

IT Internship San Jose, Costa Rica

- Demonstrated high proficiency in developing **dynamic Power BI** solutions, showcasing expertise in **data manipulation, Power Query, and Excel-to-Power BI reporting**. Engineered comprehensive dynamic Power BI dashboard consolidating years of **diverse data** from many E-commerce sites. This contribution significantly enhanced **data-driven decision-making processes** within the business-to-business department.

Journey School of Costa Rica Jan 2021 – Jul 2021

Administration and Teacher assistance Tamarindo, Costa Rica

- Delivered crucial **administrative support**, streamlined processes for efficiency, and played a pivotal role in fostering an **engaging learning environment** for the school's operations.

RPM Vacation Rentals and Real Estate Dec 2019 - Dec 2020

Accountant and Billing Tamarindo, Costa Rica

- Accomplished accurate accounting and billing management at RPM, measured by the precise handling of **real estate and rental expenses** through **QuickBooks**.

Projects

Animal Image Classification Challenge | Python, Jupyter Notebooks, PyTorch, Scikit-Learn, OpenCV

- Built an image classification pipeline to distinguish **12 animal classes** using both **deep learning** and **traditional machine learning** methods. Implemented **VBoW + Scikit-Learn** with feature extraction and classical classifiers, alongside **CNNs** in PyTorch, including **transfer learning** with pretrained models.
- Designed a complete ML workflow with data analysis, preprocessing, **Log Loss** evaluation, error analysis, and **hyperparameter tuning**.

FutStore CR: React E-commerce Project | React.js, Node.js, Firebase

- Developed a web design prototype for a fictional soccer store using **React and Firebase**. Demonstrated skills in **frontend development**, dynamic UI components, and **backend integration** with a focus on usability.