GONZALO MANUEL BEADE

Software Engineering Student

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EXPERIENCE

Full Stack Developer
Freelance

📅 January 2022 – Present day

- Designed the frontend of webapps so that user-usability was maximized.
- Organised the backend of projects focusing on maintainability and reusability, by using design patterns.
- Developed webapps using the Spring Framework, Hibernate, PostgreSQL and React.

Logistics
IEEE's Computer Society Chapter

📅 February 2022 – Present day   ⚲ ITBA

- Coordinated workshops and events on data science, cryptography, game engineering and full-stack development.
- Organized a hackathon with 70+ participants from all across Buenos Aires

Teacher Assistant
Algebra for Software Engineering

📅 March 2021 – July 2022   ⚲ ITBA

- Guided students in their understanding of the basic principles of algebra: sets, relations, functions, combinatorics, whole and prime numbers, recurrence relations, polynomials and linear algebra.

Teacher Assistant
IGCSE Mathematics

📅 July 2019 – December 2019   ⚲ St. Ciaran's School

- Lectured in IGCSE Mathematics to high school students.
- Motivated students that were not keen on mathematical topics.
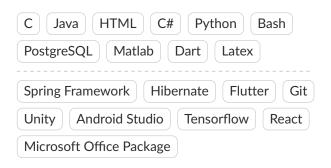
Tournament Credentials
Argentina Open ATP 250

📅 2019, 2020 and 2022 editions

- Administered players, coaches and staff's credentials during the Argentina Open ATP 250 tennis tournament.
- Communicated database inconsistencies to tournament directors.

LANGUAGES

Spanish	Native
English	Native
French	Intermediate

TECHNOLOGIES

C | Java | HTML | C# | Python | Bash
PostgreSQL | Matlab | Dart | Latex

Spring Framework | Hibernate | Flutter | Git
Unity | Android Studio | Tensorflow | React
Microsoft Office Package

EDUCATION

Master of Informatics
Technical University of Munich

📅 October 2022 - July 2024

Software Engineering
Instituto Tecnológico de Buenos Aires

📅 March 2019 - July 2024

ACHIEVEMENTS

IGCSE Top Mark in Argentina
Awarded in Economics, Information and Communication Technology, French as a Foreign Language and Overall ICE.

Cambridge English: Advanced (CAE)
Obtained C2-level certificate in English.

PROJECTS

SOCKS5 Proxy from Scratch
Technologies: C Language

- Jointly designed with my team a fully-functional SOCKS5 proxy that fully satisfies RFC1928.

Webapp - Cryptocurrency Marketplace
Technologies: Spring, Java, Hibernate, PostgreSQL

- Jointly deployed with my team a fully-operational marketplace for cryptocurrencies. Both the backend and the frontend were designed from scratch.

Autoencoders and Neural Networks
Technologies: Python, using Numpy and Matplotlib

- Implemented feed-forward neural networks and autoencoders. These were later used in OCR and PCA problems.