

GONZALO MANUEL BEADE

Software Engineering Student

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EXPERIENCE

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.

Private Tutor on Mathematics

Freelance

July 2019 – Present day

- Delivered one-to-one and one-to-many private classes to undergraduate and high school students from different parts of the world.

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

English

French

Native

Proficient

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

Software Engineering

Instituto Tecnológico de Buenos Aires

March 2019 - July 2024

High School Diploma in Languages

St. Ciaran's School

March 2014 – December 2018

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.