

# GONZALO MANUEL BEADE

## Software Engineering Student

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gonzalobeade.vercel.app

## 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  
English  
French  
German

Native  
Proficient  
Intermediate  
Conversant

## TECHNOLOGIES

C Java HTML C# Python Bash

Docker Spring Framework Latex Git

Hibernate React Unity Tensorflow

PostgreSQL Microsoft Office Package

## EDUCATION

### Software Engineering

#### Instituto Tecnológico de Buenos Aires

March 2019 - July 2024

### Master of Data Engineering and Analytics

#### Technische Universität München

Exchange student 2022-23

## 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

### Cryptocurrency Marketplace - Webapp

#### 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.

### Full-Stack Keras-based Classifier

#### Technologies: Keras, FastAPI, Docker, React

- This project implements an end-to-end system for classifying pictures containing cats or dogs.
- A server accepts images by exposing endpoints, feeds them to a trained CNN and responds with a prediction value. The web client consumes the response and displays the results. Each module is containerized.

### SOCKS5 Proxy from Scratch

#### Technologies: C Language

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