# **GONZALO MANUEL BEADE**

## **Software Engineering Student**

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**◊** Munich, Germany

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## **EXPERIENCE**

## Logistics

#### **IEEE's Computer Society Chapter**

- 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**

- Lectured in IGCSE Mathematics to high school students.
- Motivated students that were not keen on mathematical topics.

### **Tournament Credentials**

#### **Argentina Open ATP 250**

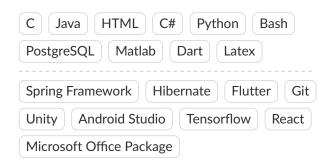
## 2019, 2020 and 2022 editions

- 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**



## **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.