

# EZEQUIEL MUNDANI VEGEGA

## Computer Engineering Student

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Ezequiel Mundani Vegega

InspectorDave

## EDUCATION

Computer Engineering (Current, 98% done):

Facultad de Ingeniería, UBA 2021-Today

Electronic Engineering (70% done):

Facultad de Ingeniería, UBA 2017-2021

High School:

Colegio Nacional de Buenos Aires 2011-2015

Elementary School:

Colegio Euskal Echea 2004-2010

## LANGUAGE SKILLS

Spanish: Native

English: Advanced (C1)

Score: 186/190

Ref No: 175AR6022514

French: Basic

## TECHNICAL SKILLS

- Programming languages: Python, Ruby, C, C++, Rust, Python, Java, AVR Assembly, HTML, CSS, JavaScript.
- Database management: PostgreSQL, MongoDB, Neo4j.
- Version control systems: git, GitHub, GitLab.
- Machine learning algorithms: used scikit-learn and TensorFlow.
- Agile programming: Extreme programming, Scrum, BDD with Gherkin.
- Experience with UNIX-based OS.
- LaTeX and Office package.

## KEY PROJECTS

Job Vacancy app:

- Web app developed in Ruby with BDD and ATDD. Objects persisted in an SQL database.

MQTT Platform:

- Developed in Rust utilizing a Client/Server architecture, the server was multithreaded.

Kahoot-like app:

- Developed in Java utilizing MVC architecture.

DFT calculator:

- Developed in C++, computes the discrete and fast Fourier Transform (DFT and FFT).

Morse code decoder:

- Software for decoding, transmitting and printing developed in Assembly.
- Hardware built with AVR microcontroller and other components.

## TEACHING

Since February 2020, I have been a private tutor for high school and university students in mathematics, physics, and chemistry.

Since August 2024, I have been a Teaching Assistant for the course "Introduction to Distributed Systems" at FIUBA.