

# Edgardo Cuellar Sanchez

## Junior Data Scientist - Computer Scientist

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🏠 Brussels

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Graduated in Computer Science from ULB with high honors, I've been passionate about software engineering and automation since I was 14. During my studies, I focused on big Data, using Spark, PySpark, PostgreSQL, and NoSQL databases such as Neo4J and MongoDB. I enjoy working with data in a practical way, CLEANING IT, modeling it, and making sure systems can handle it efficiently. I'm now looking for an opportunity where I can use those skills through real world challenges.

### EDUCATION

**Université libre de Bruxelles** | Brussels and Montreal

#### Master in Computer Science

From September 2022 to September 2024

Focus areas: Big data, Advanced SQL & query optimization, NoSQL & Graph Databases, Artificial Intelligence (fundamentals, models)

**Université libre de Bruxelles** | Brussels, Belgium

#### Bachelor in Computer Science

From September 2019 to September 2022

### WORK EXPERIENCE

**Rentizy** | Brussels, Belgium

#### Full-Stack Developer with Data Ownership

From October 2023 to January 2025

- Co-founded a real estate startup (team of 4) and led full-stack development (Django, JS, Tailwindcss, SQL, Azure)
- Structured a PostgreSQL database to support filtering, querying, and dynamic dashboards

**ULB - Faculté des Sciences** | Brussels, Belgium

#### Developer & Researcher

From September 2023 to September 2024

- Designed, developed, and maintained a second-hand syllabus resale platform for ULB students
- Implemented data logging to allow future tracking and analytics

**Anime Recommender System** | Montreal, QC, Canada

#### Data Engineer, Spark & Recommender Systems

From January 2023 to May 2023

- Designed a scalable recommendation system using PySpark and collaborative + content based filtering
- Processed large datasets and tuned performance with Spark pipelines
- Delivered a working prototype with a clean frontend and evaluated multiple model strategies

### LANGUAGES

#### French

C2 : Daily use

#### Spanish

C1: Native language

#### English

C1 : Good working proficiency, academic background

#### Dutch

A2 : Basic knowledge

### SKILLS

#### Databases

SQL, PostgreSQL, MongoDB, NoSQL, Neo4J, SparkSQL, Azure

#### Programming

C, C++, Java, C#, Python, Linux Bash, ASM

#### Methods & Tools

UML, CI/CD, Agile (Scrum), LaTeX, Git

#### Web Development

Django, React.js, Node, JavaScript, HTML, CSS, PHP

### INTERESTS

IT project development, Visual design (posters, web interfaces), Backpacking trip, Cooking

🐱 @EdgardoCuellar

in @edgardo-cuellar-sanchez