

# Gerard Alcalde Gascón

## Data Scientist

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### ABOUT ME

I am a data scientist and civil engineer with a huge interest in artificial intelligence and its applications. I am willing to apply my knowledge acquired during my studies, especially in my data science master's degree, with the objective of continuing with my professional development.

### EDUCATION

**09/2021 – Current**

**Master of Science: Data Science**

Universitat Oberta de Catalunya (UOC)

**10/2018 – 07/2020**

**Master of Science: Civil Engineering**

Universitat Politècnica de Catalunya (UPC)

**08/2017 – 06/2018**

**Bachelor: Civil Engineering**

Norwegian University of Science and Technology (NTNU)

**09/2014 – 10/2018**

**Bachelor: Civil Engineering**

Universitat Politècnica de Catalunya (UPC)

### EXPERIENCE

**11/2020 – 08/2021**

**Junior Structural Engineer · TYPESA · Barcelona**

Civil engineer in a leading consulting firm in the civil engineering sector working in international projects coordinating a small interdisciplinary team.

**01/2015 – 12/2020**

**One to One Teacher · Self-employed · Barcelona**

Help high school students with science subjects.

**02/2019 – 12/2019**

**Intern Structural Engineer · TEC - 4 · Barcelona**

Internship at an international consultancy working an international and interdisciplinary team.

**01/2016 – 06/2016**

**Associate teacher · ASES · Barcelona**

Help civil engineering students in mechanics lectures.

### DATA SCIENCE SKILLS

- Python
- SQL - PostgreSQL
- Java
- Machine Learning
- Data Warehousing

### KEY SKILLS

- Curiosity
- Hard Working
- Committed
- Problem-solving
- Team player
- Critical Thinking

### LANGUAGES

- Spanish (Native)
- Catalan (Native)
- English (C1 CAE Certificate)
- French (A2)

## ACCOMPLISHMENTS

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### **Marcel Bru I Turull Award**

Awarded to the best academic record on the bachelor's degree with emphasis on the environmental subjects.

### **ORP Conference · Integración de los costes de seguridad y salud en el presupuesto de las obras de construcción**

Presentation of the paper at the international ORP conference. This paper provided a new approach to health and safety in the construction sector using new technologies such as BIM.

