

Diego Rodríguez Torrecilla

MATHEMATICS AND COMPUTER ENGINEERING STUDENT

Móstoles, Madrid

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Education

King Juan Carlos University

Madrid, Spain

B.S. IN MATHEMATICS

Sep. 2023 – Jun. 2028

- Average grade: 8.81/10 (as of Jun. 2026).
- Obtained honors in Algebraic Structures, Affine Geometry, Vector Analysis II and Curves and Surfaces subjects.

King Juan Carlos University

Madrid, Spain

B.S. IN COMPUTER ENGINEERING

Sep. 2023 – Jun. 2028

- Average grade: 8.82/10 (as of Jun. 2026).
- Obtained honors in Artificial Intelligence, Design and Analysis of Algorithms, Declarative Programming and Distributed Systems subjects.

IES Calatalifa

Madrid, Spain

BACHILLERATO DE CIENCIAS TECNOLÓGICAS

Sep. 2021 – Jun. 2023

- Average grade: 9.78/10.
- Obtained 13.543/14 in the university entrance exam (EVAU).

Certifications

DataCamp

DATA ANALYST IN SQL AND PYTHON

Jul. 2025

- Took DA101, a 2-hour exam that assesses proficiency in data management, exploratory analysis, and statistical experimentation using SQL.
- Gained data analyst skills to manipulate, analyze, and visualize data using NumPy, pandas, Matplotlib and Seaborn libraries.

DataCamp

DATA ANALYST IN POWER BI TRACK

Jul. 2025

- Learned to prepare, model and visualize data with Power BI, including basic concepts and more advanced topics such as Power Query, DAX or report and dashboard design.

Stanford & DeepLearning.AI

MACHINE LEARNING SPECIALIZATION

May. 2025

- Learned to build machine learning models in Python using popular machine learning libraries such as Tensorflow.
- Supervised learning (linear regression, logistic regression, neural networks and decision trees), unsupervised learning (clustering and anomaly detection), recommender systems and reinforcement learning.

HarvardX

CS50X: CS50'S INTRODUCTION TO COMPUTER SCIENCE

Oct. 2021

- Studied the basics of computer science, programming and algorithmic thinking.

Capman Testing Solutions

TOEIC LISTENING & READING

Feb. 2025

- Got 990/990 score, equivalent to C1 in the CEFR standard.

Skills

Programming Languages

Java, Python, C, C#, JavaScript, Scala, Prolog

Data Analytics

SQL, Power BI, NumPy, Pandas, Matplotlib

Development Tools

Git, Docker, Linux

Frameworks

React, Astro, Next.js, LaTeX

Knowledge

OOP, Relational Databases, Data Structures, Linear Algebra, LP/NLP, Calculus, Probability, Algorithms