

ALEJANDRO BARRACHINA ARGUDO

Computer Science student with knowledge in Java, C++ and Python among others applied to AI data analysis with tools such as tensorflow and pandas, and with experience with VR simulations in virtual environments.

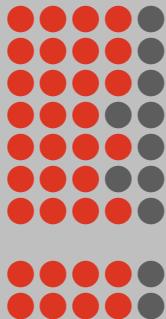
CONTACT

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-  Alejandro Barrachina Argudo
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SKILLS

Programming

- C++
- Java
- Python
- C#
- MariaDB / SQL
- MongoDB
- LaTeX

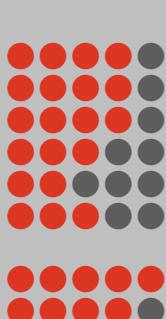


Operative Systems

- Linux
- Windows

Software & Tools

- #### IDEs y Editores
- VS Code
 - Eclipse for Java
 - Visual Studio
 - Unity
 - DataGrip
 - HeidiSQL



Languages

- Castellano
- Inglés

SKILLS

Teamwork

Team management

Leadership

Public speech

Easy troubleshooting

Oral and written communication

Responsible

Adaptability

Driving licence and own car

EXPERIENCE

-  June 2024 - February 2025
Capgemini Spain

Intern

- Tensorflow
- Gradio
- Python
- Microsoft Phi 3
- AI & Data analytics

EDUCATION

-  Current
Universidad Complutense de Madrid

Computer Science Engineering Specifics of Computing Technology

Electives

- NoSQL Databases
- Evolutive Programming
- Machine Learning

Final Degree Project : *Motion capture for gesture detection in virtual environments*

COLABORATIONS

-  2021 - Current
Universidad Complutense de Madrid

OTEA-UCM

- Git talk 2022/2023/2024
- Advanced Github talk 2022
- Help organizing events

-  2023 - Current
Universidad Complutense de Madrid

Vicedecanato FDI UCM

- Advanced Git talk 2023
(IX Semana de la Informática)
- Advanced Github talk 2024
(X Semana de la Informática)
- Help organizing events

PUBLICATIONS

Motion capture for gesture detection in virtual environments

A. Barrachina, A. Romero, I. Sagredo, P. Sánchez

-  2025
-  CEV 2025

Not yet published

CERTIFICATIONS

📅 2020 Codecademy	Learn the Command Line Course
📅 2020 Codecademy	Learn Git Course
📅 2020 Codecademy	Learn the HTML Course
📅 2020 Codecademy	Learn the Ruby Course
📅 2024 Coursera - University of Michigan	Applied Machine Learning in Python
📅 2024 Coursera - IBM	Introduction to Computer Vision and Image Processing
📅 2024 Coursera - University of Washington	Machine Learning Foundations: A Case Study Approach
📅 2024 Coursera - DeepLearning.AI	Neural Networks and Deep Learning
📅 2024 Coursera - IBM	Scalable Machine Learning on Big Data using Apache Spark
📅 2024 Coursera - UCDavis	Distributed Computing with Spark SQL
📅 2024 Pluralsight	Building Your First ETL Pipeline Using Azure Databricks
📅 2024 Pluralsight	Building Machine Learning Models in Spark 2
📅 2024 Pluralsight	Conceptualizing the Processing Model for Apache Spark Structured Streaming
📅 2024 Pluralsight	Getting Started with Spark 2
📅 2024 Pluralsight	Apache Spark Fundamentals
📅 2015 Cambridge English	Council of Europe Level B1