

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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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	Councyl of Europe Level B1