

# ALEJANDRO BARRACHINA ARGUDO

Developer in constant training with knowledge in Java, C++ and Python among others applied to AI, data analysis and VR/Game development. In constant training to improve my skills and knowledge in any field.

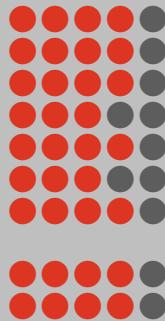
## CONTACT

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- @ALK222
- Alejandro Barrachina Argudo
- @ALK222

## SKILLS

### Programming

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



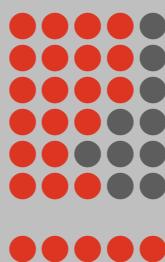
### Operative Systems

- Linux
- Windows



### Software & Tools

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



## 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
- Evolutuve 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

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📅 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