ALEJANDRO BARRACHINA ARGUDO

Developer in constant training with knowledge in Java, C++ and Python among others aplied 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
- in Alejandro Barrachina Argudo

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 comunication**
- **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*
`https://github.com/FratosVR/tfg`

👥 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

https://www.codecademy.com/profiles/A.L.K./certificates/c87ba0541f8be78bc2f4ba1128233f6f

📅 2020
📍 Codecademy

Learn Git Course

https://www.codecademy.com/profiles/A.L.K./certificates/a8ab218d5950c29861635cc0bf12fd13

📅 2020
📍 Codecademy

Learn the HTML Course

https://www.codecademy.com/profiles/A.L.K./certificates/9eb0741e5ebef1f9f58a53bfac67d3a7

📅 2020
📍 Codecademy

Learn the Ruby Course

https://www.codecademy.com/profiles/A.L.K./certificates/1c05e0382bc5681c824c4cbe85c126fd

📅 2024
📍 Coursera - University of Michigan

Applied Machine Learning in Python

https://coursera.org/verify/8GA4HRXCUWMX

📅 2024
📍 Coursera - IBM

Introduction to Computer Vision and Image Processing

https://coursera.org/verify/U4BLVUU99V5Q

📅 2024
📍 Coursera - University of Washington

Machine Learning Foundations: A Case Study Approach

https://coursera.org/verify/6WPSG5QYNTS2

📅 2024
📍 Coursera - DeepLearning.AI

Neural Networks and Deep Learning

https://coursera.org/verify/BVIPHUCDW434

📅 2024
📍 Coursera - IBM

Scalable Machine Learning on Big Data using Apache Spark

https://coursera.org/verify/KMP88HU83Q73

📅 2024
📍 Coursera - UCDavis

Distributed Computing with Spark SQL

https://coursera.org/verify/AYTWY6EJEBUQ

📅 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