

ERIC GONZÁLEZ CABALLERO

BSc Aerospace Engineer, MSc Big Data Analytics Student

@ ergoncab@gmail.com

☎ 656 180 995

📍 Madrid, Spain

🌐 www.ergonzalez.eu

in linkedin.com/in/ergoncab

🐙 github.com/ergoncab



SUMMARY

Aerospace engineer with excellent problem solving skills and strong foundations of mathematics, physics and computer science fascinated by the power of the digital revolution the world is experimenting and willing to work hard on it. Looking for an internship/entry-level job in areas related to big data, data science, machine learning, industry 4.0 or internet of things.

EXPERIENCE

No previous experience. Looking for an opportunity!

EDUCATION

MSc in Big Data Analytics (English)

Universidad Carlos III de Madrid - UC3M

📅 2020 - 2021

📍 Madrid, Spain

- Focused on big data, machine learning and statistics fundamentals

BSc in Aerospace Engineering (English) - 8.0/10

Universidad Politécnica de Valencia - UPV

📅 2016 - 2020

📍 Valencia, Spain

- **Thesis:** Optimized a state-of-the-art DNS computational fluid dynamics code by means of HPC techniques. Final code run with 2000 CPUs in the SuperMUC-NG supercomputer involving monetary savings of ≈ 10000 €

SKILLS

Data Science & AI

- Python: NumPy, Pandas, Matplotlib...
- Machine Learning: Algorithms, Scikit-learn

Data Engineering & Big Data

- Spark/PySpark, Hadoop
- Scala: MapReduce, Functional Programming
- SQL, NoSQL: MongoDB, Cassandra
- Cloud Computing: Google Cloud Platform
- Web: Google Analytics

Data Analysis

- R, Matlab, Wolfram's Mathematica

HPC

- Fortran: BLAS, Lapack, MKL
- Parallel Programming: MPI, OpenMP
- Linux

General

- Git
- \LaTeX , R Markdown
- Microsoft Office: Word, Excel, PowerPoint

SOFT SKILLS

Hard-worker

Honest

Proactive

Team-worker

Planner

Self-learner

LANGUAGES

- **Spanish** - Native
- **Catalan** - Native
- **English** - Cambridge Advanced English C1

PROJECTS

- Personal Webpage
 - Including design, domain configuration, google analytics ...

COURSES/MOOCs

- Data Engineering with GCP
 - Coursera Professional Certificate, 6 courses
- Machine Learning with TensorFlow on GCP
 - Coursera Specialization, 5 courses

INTERESTS

- Science and technology
- HPC and computer hardware
- AI, data and IoT
- Aeronautics and space exploration

OTHER

- Driving license (B)
- Able to relocate
 - Living in Madrid, natural from Alicante
- Remote-working possibility

Last updated in December 7, 2020