

JAIME GOMEZ CHACOFF

Physics Engineer



- ✓ Data-driven professional skilled in mathematical modeling and process analytics with in-depth expertise in computer vision and data science

Experience

present 2022 **Research Engineer** ArcelorMittal AOB | Esch-sur-Alzette, Luxembourg

- Build and evaluate deep learning models for image classification
- Build support applications, such as Windows services, with socket communications with multiple devices
- Coordinate projects from start to finish, taking care of budget and milestones
- Supervise and orient student interns in the development of their projects alongside their skills

2022 2020 **R&D Engineer** Luxscan Technologies Sàrl | Foetz, Luxembourg

- Implement and evaluate deep learning models, such as object detectors and segmentation models
- Follow-up in production, the implementation of deep learning models
- Train deep learning models through its hyper-parameters
- Responsible for dataset organization and annotations guideline
- Build solutions for on-site problem related to optics, mechanics or software

2020 2010 **Senior Engineer** Luxscan Technologies Sàrl | Foetz, Luxembourg

- Managed technical post-sales service to all South American customers such as commissioning, training and feasibility tests.
- Address the company into a long-term trustworthy post-sales relationship with customers
- Perform feasibility tests leading to two or three orders per year
- Mentor newcomers, train customers, review documentation and its translations from English to Spanish.
- Responsible for preset of machine and customer acceptance in factory. Through better presets, on site time reduced by 15%

Education

2010 2003 **Engineering Physics** University of Santiago, Chile
- Majoring in Instrumentation (Sensors and Microcontrollers)
- Thesis in the use of neural networks in image processing

2007 2003 **Bachelor in Applied Physics** University of Santiago, Chile
- Successfully attended courses of Quantum Mechanics, Spectroscopy & Solid-state physics

Certifications

2021 **EF SET English Certificate 83/100 (C2 Proficient)**
EF Standard English Test (EF SET)

2019 **Deep Learning Specialization** by deeplearning.ai on Coursera
5 courses including topics of CNNs, hyperparameters and Sequence models

Contact

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chacoff.github.io

Computer

Machine Learning (4)

Python (4)

C# (3)

Azure DevOps (3)

SSMS / PowerBI (3)

Office Suite (3)

TeX(3)

* scale ranges from proficiency levels 1-5

Languages

Spanish (Native)

English (C2)

Portuguese (B2)

French (A2)

Russian (A1)

Volunteer

Performing music *ad honorem*

CMMD

www.cmmd.lu

Mandolin, 2020-2022

Differdange, Luxembourg

TUAO, traditional music

www.latuna.cl

Bandurria & Mandolin, 2004-2015

Santiago, Chile