



Mr. Mario A.

Minning Engineer
Civil Engineer

PROFFESIONAL GOAL

Develop my professional career and experience in a company that offers professional perspectives and promotion, as well as fellowship and teamwork.

PERSONAL INFORMATION

07/July/1990. Oviedo (Asturias, Spain)

LICENSES

- Beach lifeguard and first-aid by the Royal Spanish Lifesaving Federation.
- Driving license "B"

- Sailing navigation license (up to 6 meters in length)

LANGUAGES

- Spanish
- English
- French

SOFTWARE

Microsoft Office (Word, Excel, Power Point), Autocad, Civil 3d, Ventsim, Matlab, Metatrader, SPSS, Fluent, Iber, Python, Hec Ras, Abaqus, SGeMS, EPA SMWW (Storm Water Management Model), ArcGIS, CivilCad 2000, RecMin

HOBBIES

Sports (basketball, tennis, swimming, SUP)
Music (Piano player)

ACADEMIC TRAINING

UNIVERSITY OF OVIEDO

2008 - 2015

Bachelor of Science + Master of Science in Mining Engineering

- Specialization: Mining Engineering and Explosives
- Final career Project (TFC): Calculation of the main ventilation of Carrio Mine (Asturias) using computer tools.

UNIVERSITY OF OVIEDO

2016 - 2019

Master of Science in Civil Engineering

- Specialization: Civil Construction
- Final Master Project (TFM): Design of the duplication of Nora's river collector using AutoCAD Civil 3D.

PROJECT AWARD for the best final project of the Master in Civil Engineering.

WORK EXPERIENCE

FCC AQUALIA

2018 - 2019

Technical Office (Tophography)

- Control of all the elements that make up Oviedo's water supply and sanitation network using Arcgis and Aquagis computer software.
- Simulation and analysis of the entire Llanes sanitation network through EPA SWIMM for future actions.
- Measurement with total station and GPS elements of the Oviedo supply network

QUALIFICATION / COURSES

STANFORD UNIVERSITY
CURRENTLY

Machine Learning: currently studing Machine Learning "online" (56 hours)

RECMIN
2019-2020

Geological modeling and estimation of mineral resources with "RecMin" minning software (100 hours)

RECMIN
2019-2020

Expert in **tophography management** and **mine design (Surface and underground minning)** with "RecMin" minning software (100 hours)

REPSOL FOUNDATION
2018

Hydrocarbons: Exploration and production of hydrocarbons. (50 hours)

REPSOL FOUNDATION
2016

Unconventional Hydrocarbons: Exploration and production of hydrocarbons. (25 hours)

UNIVERSITY OF OVIEDO
2008 - 2015

- Tunnel Engineering (90 hours)
- Monitoring in explosive environments (45 h.)
- Computer aided drafting and visualization tools (60h)
- Industrial ergonomics (75 hours)
- Safety audits (75 hours)

SEMINARS AND COURSES

BASF
2019

Technical Conference on Mining and Underground Works Injections (Master Builders Solutions of BASF and Underground Works)

SCHOOL OF MINES
2019

Basic course of Nuclear Fusion (University of Oviedo)

SCHOOL OF MINES
2019

EDP Energy. "Electric Power Sector"

SIKA - ETSIMO
2014

Cement chemistry and its influence on concrete applications in modern mining.