

# Alberto Manuel García Navarro

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Date of birth 21/01/1991

Venezuelan / Spanish

## Spoken languages:

> English (IELTS C1)

> Italian (Euro C1 level)

> Spanish (native)

## Best technical skills on:

- Reservoir geological and production analysis
- Oilfield development strategies
- Clustering analysis

## Proficient user of:

- CMG / Petrel
- Visio / Project (planning)
- MATLAB
- ARCMAP (GIS)
- MS Access

## Programming languages:

- R, VBA and SQL

## Additional skills:

- Junior data-trend analyst (1 year exp)
- Database designer/programmer

## Future programs:

- Subsidence clustering analysis publication
- Skill-set enhancement for energy market analysis
- Management positions on the energy sector

## MSc in Petroleum and Mining Engineering by the Politecnico di Torino (POLITO) on 2021– double degree with Universidad Central de Venezuela (UCV) with the thesis:

*“Application of the clusterization data approach to the satellite measures of altimetric variation in the Emilia-Romagna Region (Italy)”*

On which we developed an innovative application of cluster analysis (using R and GIS) for the study of time-series INSAR-subsidence data coming from UGS activities. Professors Vera Rocca and Alfonso Capozzoli were my tutors.

**Currently, Researcher at the DIATI on POLITO**, with a 4-months scholarship aiming to continue the thesis work, and focused on sensitivity analysis of the method, increasing of the script performance, development of an end-user app and high-density data upscaling.

**High school diploma (on science)** - “El Placer” High school. Caracas, Venezuela, on 2007.

My **working experience** includes:

- Docent assistant on Completion and Reconditioning of oil wells for 2 years
- Docent assistant at the Laboratory for Applied Physics for 6 years, always at the Engineering Faculty of the UCV
- A 2-months stage at Petroindependencia S.A. in Caracas on 2014, developing an ISO-complaining procedure for environmental studies at the Environmental Affairs Dep

**Courses/activities** concerning my engineering-nurturing path include:

- Assistance to the International Energy Workshop, Paris, July 2019, POLITO delegation
- Models and scenarios for energy planning, statistical, tech and policy approaches (POLITO)
- Strategy and Organization, for firms (POLITO)
- Planning and Project Management, focused on planning (UCV)
- Reservoir Simulation, CMG / Petrel (UCV/POLITO)
- Heavy Crude Oils Fields Management, focused on the OOB and Canada sites (UCV)
- Advanced Drilling Techniques, (UCV)
- Oratory and leadership, focus on improving assertiveness and coms strategies (UCV)

**I am good at communicating**, having developed experienced as:

8-year docent assistant

former student leader and 2-year newspaper editor

restaurant service for more than 4 years

**My organizational / managerial skills** and abilities include but are not confined to:

Assertiveness / Multidisciplinary problem-solving approach

Time and task management / Project planning envision

Team building / Experience in multi-lingual/cultural working environments

Pedagogical capabilities / Transversal working capabilities

Worldwide availability for working

*“Development of an internal procedure for data flowing in Petroindependencia S.A.”, Engineering Faculty Research Conferences, UCV, Caracas, November 2014.*

*“A glance about the Big Data Analytics in the Oil&Gas industry”. (2020) Garcia N., A. M.; Capozzoli, A.; Rocca, V.; Romagnoli. In: GEAM. GEOINGEGNERIA AMBIENTALE E MINERARIA. - ELETTRONIC. – number 2, pp. 36-43. Doi: 11583/2849949.*

Awarded on 2014 with the Student Merit Award on Innovation&Development:

“Development of an internal procedure for data flowing in Petroindependencia S.A”. UCV, Caracas, Venezuela.

And from April 2022 ready for new endeavors...!