

Diego Cordero

+ 1 (829) 673-3483

ing.diegocordero@gmail.com

[linkedin.com/in/engdiegocordero](https://www.linkedin.com/in/engdiegocordero)

Highly capable systems engineer with a good geomatics background, able to work under pressure, be part of a team, study to improve the capabilities and provide to the organization all the knowledge that be necessary.

Open to relocation. Colombian Citizenship, Currently living in Dominican Republic

Spanish - fluent; English - proficient; French - functional; German - Basic

Work Experience

Geographical Laboratory Director

ATTECO - Dominican Republic

April 2013 – Present

- Planning, coordinating, executing and process the geographical measurements using LiDAR, aerial photogrammetry, GPS, and surveying.
- Analyze the data, build geodatabases, develop GIS, basic civil projects, and provide the information to other departments or companies
- Implement new tools to improve the processes and maintaining the IT infrastructure.

During this work I have had big projects, however, the biggest challenges have been: Search new clients and carry out the first international photogrammetric flights, and take the geometric control of one of the largest projects in the country such as the Santo Domingo Metro.

GIS Consultant

IDB – Inter-American Development Bank - Dominican Republic

February 2020 – July 2020

- Formulating the GIS design based on geographical standards and open source software for the Dominican Republic cadastral multipurpose GIS project.

GIS Specialist

FOPAE - Colombia

December 2012 - March 2013

- Design and implement the new geoportal architecture using open source software components
- Accompanying and advising the development of software engineering procedures in accordance with the procedures established with the Integrated Management Model.

Specialist in Technology Management

GRODCO - Colombia

July 2011 - November 2012

- Lead the development of the GIS and assist to obtain the geographical data for the construction of the Colombian Optical Fiber Project proposal
- Supervisor of the research and implementation of new tools for the development of web services and GIS based on the company information.

Geoservices Coordinator - GIS Developer

Agustin Codazzi Geographic Institute IGAC - Colombia

November 2008 - August 2011

- Coordinate and carry out the phases of the analysis, design, construction, implementation, and support of the ICDE technological projects (Colombian Spatial Data Infrastructure)
- Integration of the institutions web services and the geoportal of the project.
- Developing geographic information systems projects as the Consortium South Bolivar GIS and Mining GIS.
- Developing new modules for the SIMFAC (Colombian Air force Meteorological Information System) and propose the guidelines that allowed the continuation and stabilization of this project.

Education

Master's Degree in Geographic Information Systems

ESRI – Spain (Online)

February 2021 to Present

Master's Degree in Geography, Remote Sensing and Geographic Information Sciences

Universidad Autonoma de Santo Domingo – Santo Domingo – Dominican Republic

September 2017 to Present

Diploma of Data Science

ITLA – Santo Domingo – Dominican Republic

September 2020 – December 2020

Certificate in Databases Design for GIS

SENA – Bogota - Colombia

August 2011 to November 2011

Diploma of Geographic Information Systems

Universidad Distrital Francisco Jose de Caldas – Bogota - Colombia

March 2010 to November 2010

Bachelor's Degree in Systems Engineer

Universidad Distrital Francisco Jose de Caldas – Bogota - Colombia

February 2003 to February 2010

Certifications

- Scrum Product Owner Professional Certificate
- Scrum Master Professional Certificate - SMPC
- User Stories Foundations Certificate

Skills

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|----------------|------------------------|--------------------|-------------|
| • ArcGIS | • Licensed Drone Pilot | • Postgres-PostGIS | • RiProcess |
| • AutoCad | • LiDAR | • Python | • Scrum |
| • GlobalMapper | • Linux | • R | • TrackAir |