



# HÉCTOR EDUARDO BÁEZ REYES

**Geologist Engineer**

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Location: Ciudad de México - México

Personal Web page: [BGeo](#)

## ACADEMIC FORMATION

### **Universidad Nacional Autónoma de México (UNAM)**

Aug. 2015 Jul. 2019

#### **COURSES**

Aug. 2018 - Nov. 2018

Aug. 2018 - Nov. 2018

Feb. 2019 - Jul. 2019

Jul. 2020 - Dec. 2020

Jan. 2021 - Jun. 2021

Jan. 2022 – Jun. 2022

### **Geologist Engineer**

A multidisciplinary professional, graduated from "Universidad Nacional Autónoma de México" in Geological Engineering. Passionate about Geographic Information Systems and Geospatial Data Science. With a background in projects related to GIS, Cartography, Geospatial Data Analysis, Civil Engineering and Public Transport.

### **Geographic Information System**

Universidad Nacional Autónoma de México

### **Geostatistics**

Universidad Nacional Autónoma de México

### **R Programming Language**

Universidad Nacional Autónoma de México

### **Data Science with R**

Self-learning

### **SQL/ Web Development**

Michigan University (Online - Coursera)

### **Python Programming**

Michigan University (Online - Coursera)

## SKILLS

### **Hard Skills**

- Knowledge of data science applied to spatial data
- Solid knowledge of statistics and geostatistics
- Management of GIS software
- Programming skills (R, Python, Javascript)
- Data analysis with dashboards and graphics
- Management of databases
- Topography knowledge
- Autocad skills
- Creation of interactive dashboards and web maps
- Knowledge of Web Development

### **Soft Skills**

- Self-learning
- Fast learning
- Responsibility
- Honesty
- Detail oriented
- Adaptation
- Communication skills
- Team work
- Creativity

## SOFTWARE

Office



Q-gis



Arc-Gis



Bentley Map



Rstudio (R programming)



AutoCad



SQL



Python programming



## WORK EXPERIENCE

### **MATFER S.A de C.V. | Civil assistant**

Feb. 2016 - Mar. 2018

#### Tasks

- Work generators for budget
- Supervision
- Review AutoCAD projects

### **FACULTAD DE INGENIERÍA- UNAM**

#### Bachelor Thesis

Feb. 2019 - Nov. 2020

#### Tasks

- Databases management
- Data science
- Shiny App development with R

### **CIANET S.A de C.V. | Cartographer**

Oct. 2019 - Jan. 2021

#### Tasks

- Geospatial databases analysis
- Realization of thematic maps
- Field survey supervision
- Cartography

### **FREELANCER | GIS Developer**

Nov. 2020 - Present

#### Tasks

- Web App Development
- Shiny App developer
- Geographic Information Systems
- Spatial Data Analysis

### **WhereIsMyTransport | Data Processor**

Nov. 2021 – Aug. 2022

#### Tasks

- Geospatial data processing and data quality
- Keeping up to date relational databases (GTFS) from latinoamerica market
- Innovation (Developing new tools and methodologies)

## LANGUAGES

Spanish: *Nativo*

English: *Conversational*

## JOB REFERENCES

### **CIANET S.A de C.V. | Lic. Martín Santos Ibarra**

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Phone: +52 55 4594 9235

### **Facultad de Ingeniería - UNAM | Dr. Antonio Hernández Espriú**

Email: [ahespriu@dictfi.unam.mx](mailto:ahespriu@dictfi.unam.mx)

Phone: +52 55 3555 2851

### **MATFER S.A de C.V. | Ing. Ernesto Báez**

Email: [jebr026@gmail.com](mailto:jebr026@gmail.com)

Phone: +52 55 4594 9235

### **WhereIsMyTransport | Arq. Jorge Arreola**

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Phone: +52 222 279 8807

## INTERESTS

- I enjoy self-learning
- Curiosity to learn everything related to my field of work.
- I enjoy the field work and the cabinet work
- I like to travel through different states of Mexico
- I would like to travel to another countries
- I love sports like basketball and football soccer
- I like to read books