

NEVIO GOMEZ

Neviogomez91@gmail.com · +58 424-6767962 · [linkedin.com/in/neviogomez](https://www.linkedin.com/in/neviogomez) · Maracaibo, Venezuela

INDUSTRIAL ENGINEER

Industrial Engineer graduate from one of the best private universities of Venezuela with experience in process analysis, basic aspects of cathodic protection, quality control of documentation of projects, development of Python programs, development of ML models and NN models and development of a maintenance plan for a FRICK RWB II Plus compressor. With the **following knowledge**:

- SPC (statistical process control) · Python3 · Pytest/Unittest · Django/DRF · JavaScript & TypeScript · ReactJS/NextJS · NestJs · Prisma · Ruby/Rails · C++ · Keras & Tensorflow/Theano · Jupyter, Pandas, Numpy & Matplotlib · GCP

EDUCATION

Rafael Bellosso Chacin University (URBE) · Maracaibo, Venezuela (2014)
Industrial Engineer

RELEVANT EXPERIENCE

TECH AND SOLVE · Remote (Sep. 2022 – Feb. 2023)

Digital transformation through software development projects and DevOps with agile as a methodological framework.

Tech Lead Developer: Led the development of a Python program that interacts with the Google Cloud Platform (GCP) API to extract and generate a file with the desired information for a start up company in Austin, TX.

- Development of a program using Python and Docker which allowed the client to easily extract the information they are interested in.
- Make use of the Google APIs libraries to interact with the platform and get the data.
- Manipulation of the data using Pandas, Numpy and Jupyter to get the desired output, visualize the data and generate a file that the client can use.
- Use of Pytest and Unittest mock tests to ensure the quality of the code.
- Make use of logging libraries to easily spot errors within the application and generate a log file.

FREELANCE · Remote (Apr. 2016 – Present)

Self-Employed Python Developer: Developed a variety of programs to automate repetitive tasks for my clients, predict possible outcomes, organize messy information and clean data. Have worked in projects that involve the use of statistics, reading and editing Excel tables, web scraping, data analysis, Machine Learning models and Neural Network models, NLP, and web development and design.

- **(2018) - Klickwell** – Worked with client to develop a horse betting program that successfully reduce horse races to four horses, with a good accuracy rate for predicting the winning horse.
- **(2019) - Applying A.I to Klickwell** – Started the process of recollecting data to develop a Machine Learning Model as well as a Neural Network model to aid Klickwell to predict the winning horse using Python and Tensorflow. With the developed model, the evaluation score went up by 30% against other methods.
- **(2020 – 2021) – CRUD Website using RubyOnRails/Bootstrap/PostgreSQL** – Developed a small CRUD website following the Anki flashcard method using Ruby for the backend, Bootstrap for the frontend and Postgresql as database, to manage flashcards taken when studying.
- **(2021) - E-commerce Website for client** – Worked on an E-commerce website using Django and Braintree as payment gateway where the client can buy the products listed and generate the order for the shipment.

- **(2021 – 2022) - Intraday crypto-trading bot** – Worked on an intraday crypto-trading bot that connects to the Binance API, retrieves and analyses the data and buys or sells the cryptocurrency depending on a trading strategy.
- **(2022) – E-commerce Website using NextJs/Tailwind/Typescript/PostgreSQL/DRF** – E-commerce website for selling physical and digital products using Paypal and/or Braintree as payment gateway. NextJS fetch the data from the Django API using Axios and display it on the page so the client can generate the desired order. Once the order is created, a POST method is send to the API and the order is created inside the database.
- **(2023 – now) – Pathfinding visualization application & BingGPT chat App** – Pathfinding algorithm visualization application using C++ and SFML, using various pathfinding algorithms like (BFS, DFS, Dijkstra and A*) to measure their times in completing the selected path. Also building a BingGPT chat desktop application with Python and Tkinter that interacts with BingGPT, removing the need to open the browser and spend resources. The application is focused to coding questions.
- Visit ngz91.github.io/NgzPortfolio/ to see some of my projects.

Trainee of a Maritime Engineer specialized in corrosion (NACE Level 4) · Houston, TX 77433 (Oct. 2015 – Jan. 2016):

Acquired basic knowledge in the area of cathodic protection related to the analysis of the measurements that influence corrosion.

- Assistance to seminary about **cathodic protection (CP)** sponsored by NACE (National Association of Corrosion Engineers) international.
- **Visits in-field** with the NACE Level 4 engineer with the objective of familiarizing with the instruments used for the measurement process of corrosion.

LANGUAGES

· Spanish (Native) · English (High) · French (Intermediate) · Japanese (Basic)

TECHNICAL SKILLS

· Python3 · Pandas, Numpy & Matplotlib · Pytest & Unittest · Django/DRF · JavaScript & TypeScript · ReactJS/NextJS · NestJs · Prisma · HTML & CSS · Ruby/Rails · C++ · Keras & Scikit-Learn · Tensorflow & Theano · GCP