MOISES ANTONIO IBAÑEZ HERNANDEZ

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EDUCATION

Universidad de Guadalajara *Expected Graduation: May 2026*
Computer Engineering GPA: 89/100

EXPERIENCE

Grupo ABG September 2025 - Present
Information Technology - Part-Time Employment
· Developed advanced scripting solutions for the automated resolution of recurring Level 2 failures, optimizing critical hardware and software management.
· Implemented and maintained the user infrastructure in Microsoft 365/Azure through provisioning scripts, ensuring compliance with security policies via coding and automation.
· Participated in the evaluation of new software tools and API integration to improve connectivity and data flow.

Grupo Plasencia January 2024 - May 2025
Information Technology - Part-Time Employment
· Served as the primary lead for the development of robust task automation scripts using PowerShell, Python, and Batch, which increased the operational efficiency of critical IT processes.
· Coded identity management routines and permission control in Windows Active Directory for over 200 users, leveraging scripting to ensure consistency and security access.
· Performed log analysis and generated automated reports through custom scripts, providing technical support and improving team responsiveness.

PROJECTS & ACHIEVEMENTS

Intelligent Extraction of Academic Metadata from Institutional Repositories Summer 2025
Verano Delfín (Dolphin Summer Program) *Universidad Católica de Colombia*
· Developed a modular web platform using Python and FastAPI to retrieve and structure academic metadata via the DSpace REST API.
· Implemented semantic search through keyword queries, automatic metadata extraction (title, authors, abstract, keywords), and JSON data visualization.

Bot for Celebrity Behavior Analysis and Tweet Extraction Summer 2025
Verano Delfín (Dolphin Summer Program) *Universidad Católica de Colombia*
· Developed a Python solution to monitor celebrity behavior, featuring a Graphical User Interface (GUI) built with Tkinter and a data extraction bot.
· Implemented advanced web scraping using Playwright in an asynchronous environment (syncio) to extract tweets, dates, URLs, and interaction metrics within specific date ranges.

President of the Cyber-Human Integration Technologies Division Divtic Group

Led the strategic development and technical roadmap for integrating cutting-edge technology with human capabilities. Managed and mentored a team of 30 members in developing interfaces and systems focused on improving performance, communication, and decision-making through integrated cyber solutions.

RELEVANT COURSEWORK

Full-Stack Web Development with React Coursera
Front-end development using React, Redux, and integration with RESTful APIs.

RESTful API with Flask and Python Udemy
Building secure and scalable REST APIs using Flask, SQLAlchemy, and JWT.

APIs and Web Services Google
REST concepts, API design, authentication, and JSON data handling.

SKILLS

Technical
Programming: Python, JavaScript, SQL, HTML/CSS, Bash, Java
Tools/OS: Git, Docker, Jupyter, Postman, Linux, REST APIs, JSON
Data/Libraries: Pandas, NumPy, spaCy, NLTK, Plotly

Soft Skills
Creativity, Proactivity, Adaptability, Communication, Teamwork, Problem-Solving