

Héctor Martínez

V.19008825 (2025)

Sector Vidoño, Barcelona
Anzoátegui State, Venezuela 6001
☎ Whatsapp (+58) 412 2988763
✉ hectoralonzomartinez00@gmail.com
🌐 www.linkedin.com/in/hmartinez00
Date of Birth: 1987-08-12



Professional Experience

- July 2019– Present **Head (E) of Telecommunications Unit**, BOLIVARIAN AGENCY FOR AEROSPACE ACTIVITIES (ABAE), Caracas - Chacao.
- April 2017 **Research Personnel**, BOLIVARIAN AGENCY FOR AEROSPACE ACTIVITIES (ABAE), Caracas - Chacao.
Telecommunications Unit. Operations Management Subsystem.

Academic Level

- 2017 **Bachelor of Science in Physics, specialization in Theoretical Physics**, *Central University of Venezuela*, Caracas.

Certifications

- July 2023 **Data Visualization with Python**, *CognitiveClass.ai*.
Certificate available at <https://courses.cognitiveclass.ai/certificates/e621b56a32384a3eb44a63d9a2e4f8fc>. Powered by IBM.
- July 2023 **Data Analysis with Python**, *CognitiveClass.ai*.
Certificate available at <https://courses.cognitiveclass.ai/certificates/943ae8497d0644ea9e70c7761a9337d7>. Powered by IBM.
- July 2023 **Python 101 for Data Science**, *CognitiveClass.ai*.
Certificate available at <https://courses.cognitiveclass.ai/certificates/acdb02936e2e46a1a8122bf2d591c537>. Powered by IBM.
- April 2023 **Project Management**, *Bolivarian Agency for Aerospace Activities*, Satellite Control Ground Station, El Sombrero, Guárico State.
Baemari
- April 2023 **High-Performance Teams**, *Bolivarian Agency for Aerospace Activities*, Satellite Control Ground Station, El Sombrero, Guárico State.
Baemari
- April 2022 **Data Science Course with Python**, *Central University of Venezuela*, Certificate Nro: MaQRyGHDSH, Caracas.
- October 2018 **Certification in the Operations Management Subsystem - VRSS-2 GAS (Ground Application System)**, *CAST (China Academy Of Space Technology)*, Caracas.

Other Work Experiences

- April 2016 – **Contract Teacher**, SANTIAGO MARIÁÑO POLYTECHNIC INSTITUTE (PSM),
November 2016 Caracas - La Urbina.
2016 Electronics Laboratory, Electromagnetic Theory.
- July 2016 – **Instructor**, WEB COMPUTING INSTITUTE (UNEWB), Caracas-Chacao.
November 2016 Linux, Programming, HTML.

Conferences and Events

- 2017 **II Venezuelan Congress of Space Technology**, Caracas.
- 2014 **VIII Congress of the Venezuelan Society of Physics**, Morrocoy-Falcón State.
- 2014 **I Venezuelan Congress of Space Technology**, Caracas.
- 2005 **LV Annual Convention**, VENEZUELAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, Caracas.
- 2004 **Research and Extension Days**, Faculty of Sciences (UCV), Caracas.

Areas of Specialization

- Satellite Management and Operations CAST (*China Academy Of Space Technology*) Certification in the Operations Management Subsystem - VRSS-2 GAS (*Ground Application System*) OMS - 2018.
- Space Control Application of "Space Control" procedures based on multiple linear regressions.
- Dirac Formalism Resolution of "*Classical*" problems in the area of *mechanics* using the *Generalized Hamiltonian* formalism.
- Differential Equations Resolution of *second-order linear differential equations*, by the *Green's function* method (Integration of solutions by computational methods when the case merits it).

IT Skills

- Operating Systems Windows 7, 8, 10, Ubuntu, Debian 8, 9 and derivatives, Linux Mint, Fedora, Red Hat ...
- Linux Administration Installation and/or management of operating systems, .rpm and .deb packages, peripherals, Disk data recovery and backup procedures, Process handling, Shell bash programming oriented to administration.
- Programming and Development Python, PHP, C, C++, HTML, CSS, JS, MySQL, SQLite3, Laravel, Django
- Applications S.T.K 10.1.3 (System Tool Kit (*Orbital Simulator*)) , Sublime Text 3, SPSS (Statistical Software), Circuit Design Suite 11.0 (*Multisim*) - National Instrument, Derive 5 y 6 - Texas Instrument, CaRine Crystallography 3.1, Office OpenOffice and LibreOffice Packages, TeX Live 2009/Debian Version 3.1415926-1.40.10, L^AT_EX Compiler - Texmaker Version: 1.9.9-2 ...

Languages

Spanish **Native Language**

English **Intermediate Level**