HERNANDEZ VELAZQUEZ
EMMANUEL ALEJANDRO

Computational Systems Engineer Student

EDUCATION

2023   **ESCOM IPN** – Unidad Profesional Adolfo López Mateos, Av. Juan de Dios Bátiz, Nueva Industrial Vallejo, Gustavo A. Madero, 07320 Ciudad de México

Computational Systems Engineer – Currently Studying

2019   **UPIICSA IPN** – Av. Té 950, Granjas México, Iztacalco, 08400 Ciudad de México, CDMX

Computer science – 1 year, Change of degree

2018   **Plantel Fundación Azteca** – Av. Acueducto de Guadalupe 25, Santa Isabel Tola

Graduated as Computer Technician

CONTACT

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- ❖ Cel.: 55 61 58 66 37
- ❖ CP.: 07969, México, CDMX
- ❖ GitHub: *HyperionTR*

TECH / HARD SKILS

- ❖ Linux environments - Ubuntu and Debian
- ❖ Cloud computing - Azure and DigitalOcean
- ❖ Basic net devices configuration - Cisco and RCPLive
- ❖ Ease for programming - C/C++, Java, Javascript, Python, Rust

COURSE DIPLOMAS

- ❖ *CCNA Routing & Switching: Escalamiento de redes*
- ❖ *Cisco Networking Academy® Introduction to Cybersecurity*
- ❖ *Cisco Networking Academy® "Introducción a Internet de todo"*
- ❖ *NDG Linux Unhatched*
- ❖ *CCNA Routing & Switching: Principios básicos*
- ❖ *CCNA Routing y Switching: Conexión de redes de Cisco*

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MAIN PROJECTS

2022   Network Devices Administration Program with Python   *(GitHub link)*
Built an administration system for remote network devices following the FCAPS framework, using Python as a language with SNMP, RRD tools and FPDF for creating device reports.

2021   Finite State Machine (FSM) editor and evaluator with JavaScript   *(GitHub link)*
Designed and developed a vanilla JavaScript program for designing and exporting FSM diagrams and evaluating their associated REGEX inside a browser window.

2021   Basic prototype of a game with Java   *(GitHub link)*
Designed and implemented from scratch, a game titled "Tower of Heaven", inspired solely by a song of the same name by artist Feint. The game was made using Java and the libGDX game library.

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LANGUAGES

Spanish – Mother language   English – B2 (Uncertified)