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**Erick Patiño**

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Languages: English B2, Spanish Native

<https://github.com/EPJHUB>

<https://portafolio-delta-gray.vercel.app>

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## Education

### Academlo

Full-stack web developer

September 2023 – March 2024

### UPIITA-IPN

B.S. Mechatronics Engineering

August 2014 – December 2019

GPA: 8.85

### Cecyt 9 Juan de Dios Bátiz Paredes

Digital System Technician

August 2010 – December 2013

GPA: 7.60

## Work experience

### Innovatecsi

Mechatronics Engineer

Mexico, Mexico

August 2021 – Present

- Design and implementation of devices for care and monitoring of contact sports athletes in order to prevent concussions with the help of microprocessors.
- Programming of microcontrollers focused on radio frequencies and the Internet of Things, for the processing and transmission of data through a wireless network.
- Design and implementation of test boards, radio frequency transmitters and receivers, control boards, as well as the management of electronic component libraries to improve workflow and reduce project development time.
- Development of technical documentation (manufacturing and assembly diagrams, user manuals, connection diagrams, etc.) for compliance with Norma Oficial Mexicana NOM-241-SSA1-2021.
- Implementation of communication protocols for embedded systems.
- Design and implementation of Captive Portal (HTML, CSS and JavaScript) for IoT devices configuration.

### Ericsson Telecom S.A. de C.V.

Mechatronics Engineer

Mexico, Mexico City

November 2020 – April 2021

- Integration of new technologies (5G and 4G), remotely reconfiguration and updating of networks
- Collaboration and coordination with international teams to perform reconfiguration and integration activities.
- KPI's inspection to ensure compliance with customer's expectations, as well as the preparation of reports before and after integration and update activities.

## Skills

### Soft skills

Spanish / English / Responsible / Creative / Adaptable / Collaborative / Attention to detail / Committed / Problem solving

### Technical skills

Solidworks / Fusion360 / Altium / Eagle / MySQL / Postgres / Python / HTML / CSS / JavaScript / React / Tailwind / Sequelize / Git / Github / Express / Node

## Certificates

- Google IT Automation with Python (Coursera)
- Project management and other tools for career development (Coursera)
- English B2 (CELEX UPIICSA IPN)
- Foundations HTML, CSS y JavaScript (Academlo)
- Front-end development with React (Academlo)