

Miguel Hernández

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PROFESSIONAL EXPERIENCE

Meyaj ti– Internship

June 2022 – January 2023

- Send data by endpoints through sanitized forms with regular expressions
- Chat creation through firebase with their respective authentication methods Google, Facebook, Twitter and email
- Dashboard creation collecting data with requests to json published with nodejs as backend with crud working in mysql including triggers
- Calendar to schedule appointments with javascript as frontend and node.js as backend and login authentication method with azure ad

Personal Projects/ School Projects

- Basic animation of the greedy algorithm with html, javascript and css
- Program simulating the exam for the higher level with vb and access
- Image encryption with different methods (AES, ECB and CBC) with java
- Digital signature encryption with the rsa algorithm with java
- Login with email verification encrypting passwords with php
- magic square puzzle saving the options in a binary tree to find the best solution with c

LEADERSHIP EXPERIENCE

Speaker

May 2017

- Speaker in presentation to new students for high school

Staff

October 2019

- Staff at the “Expo profesiográfica” guiding high school students to choose a career at the university

EDUCATION

Technical career in Computation. 2015-2018

CECyT #12 - Instituto Politécnico Nacional.

Bachelor’s degree in computational systems engineering. 2018-2023

Escuela Superior de Cómputo - Instituto Politécnico Nacional.

SKILLS/INTERESTS

- Javascript Proficient
- Node Proficient
- Php Familiar
- React Familiar
- Css Familiar
- Sql Proficient
- Firebase Familiar

- Native Spanish speaker; Intermediate English
- English to Spanish Manga Translator
- Literature
- Arts