Miguel Ángel Arévalo Andrade

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EDUCATION

- **ESCOM IPN**
  B.S. in Computer Systems Engineering
  Expected Graduation Date: Jun 2022
  Average: 8.19

- **CECYT 10 IPN**
  Technical in Metrology and Quality Control
  Graduation Date: Jun 2017
  Average: 8.45

TECHNICAL SKILLS

Programming Languages: Proficient: C, Python
                          Beginner: Java, MatLab and SQL.
Web Development: HTML, CSS, JS
Frameworks: Bootstrap, Django
Online Courses: Python Programming (Python Summer Coding Camp), Platzi Data Science, Backend Development with Python and Django

SCHOOL PROJECTS

Website for ESCOM's Student Exchange Program   **July. 2020**
- We developed a website that allowed users to be informed about ESCOM's student exchange program.

Biometric Fingerprint Access System   **June. 2020**
- We developed a system that allows to control access through the fingerprint, and carrying out reports and records in a database.

Payroll System   **December. 2019**
- Database in charge of making queries and records of a Payroll System.

Polinvierte Web Application   **December. 2020**
- Web application in order to simulate the behavior of investments such as green bonds and CETES

CryptoRA   **In progress**
- Terminal work where the development of a biometric cryptosystem is proposed through the use of the fingerprint. The cryptosystem will allow the encryption of plain text documents with the purpose of adding a higher level of security to the information with respect to the security that the owner can provide himself, making use of: Mathematical morphology, image analysis, pattern recognition and cryptography.

PERSONAL PROJECTS

Platzigram   **September. 2020**
- I developed a web application similar to Instagram with Python and Django.