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EDUCATION

- **ESCOM IPN**
B.S. in Computer Systems Engineering
Expected Graduation Date: Jun 2022
Average: 8.34
- **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.
C++ for competitive programming

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

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| Website for ESCOM's Student Exchange Program | July. 2020 |
| <ul style="list-style-type: none">• We developed a website that allowed users to be informed about ESCOM's student exchange program. | |
| Biometric Fingerprint Access System | June. 2020 |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• Database in charge of making queries and records of a Payroll System. | |
| Polinvierte Web Application | December. 2020 |
| <ul style="list-style-type: none">• Web application in order to simulate the behavior of investments such as green bonds and CETES | |
| CryptoRA | In progress |
| This work proposes the development of a biometric cryptosystem (making use of the distinctive feature of the fingerprint) implemented as a desktop application for Windows that will perform the encryption, decryption, signature and signature verification operations, focused on generic binary files. and text files. Offering in this way the services of confidentiality, authentication, non-repudiation and data integrity. | |

PERSONAL PROJECTS

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| Platzigram | September. 2020 |
| <ul style="list-style-type: none">• I developed a web application similar to Instagram with Python and Django. | |