

# Miguel Ángel Arévalo Andrade

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## LinkedIn:

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## Personal Website:

<https://miguelarevalo1999.github.io/>

## GitHub:

<https://github.com/MiguelArevalo1999>

## EDUCATION

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- **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

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**Programming Languages:** Proficient: C, Python  
Beginner: Java, MatLab and SQL.  
C++ for competitive programming  
.NET C#

**Operative Systems:** Linux, MacOS, Windows

**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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| <b>Website for ESCOM's Student Exchange Program</b>  | <b>July. 2020</b>     |
| <ul style="list-style-type: none"><li>• We developed a website that allowed users to be informed about ESCOM's student exchange program.</li></ul>   |                       |
| <b>Biometric Fingerprint Access System</b>   | <b>June. 2020</b>     |
| <ul style="list-style-type: none"><li>• We developed a system that allows to control access through the fingerprint, and carrying out reports and records in a database.</li></ul>   |                       |
| <b>Payroll System</b>  | <b>December. 2019</b> |
| <ul style="list-style-type: none"><li>• Database in charge of making queries and records of a Payroll System.</li></ul>  |                       |
| <b>Polinvierte Web Application</b>   | <b>December. 2020</b> |
| <ul style="list-style-type: none"><li>• Web application in order to simulate the behavior of investments such as green bonds and CETES</li></ul>   |                       |
| <b>CryptoRA</b>  | <b>In progress</b>    |
| 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, focused on generic binary files. and text files. Offering in this way the services of confidentiality and authentication. |                       |

## PERSONAL PROJECTS

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