

Work Experience

16/02/2023 – Present

Guadalajara, Jal

Full-Stack Developer

ESTRADATA

Accomplishments

Top Groups (TG): Know the depth of WhatsApp Parent groups using graph theory (discrete mathematics), migrating data from the WhatsApp 360 system to Top Groups, implementing the design of APIs and interpreting data obtained from the WA360 endpoint.

Registro Simple (RS): Development of a web app for politicians of Guatemala, obtaining statistics on registered citizens, allowing the management of accounts with authentication methods from back-end.

Exact Point Survey (EPS): Responsible of the optimization, correction, and implementation of new features in back-end along with a Front-End developer.

02/01/2022 – 03/15/2023

Guadalajara, Jal

Front-End Developer

Digital Trusted Advisor

Accomplishments

Responsible of the design of landing pages in Salesforces Marketing Cloud for the company Tribal (B2C). QA Tester: testing the release of a web application identifying bugs and making the respective fixes for BEES Company. Management of web Methods environments (Dev, QA and Prod).

14/01/2019 – 05/04/2022

Guadalajara, Jal

Software Developer

MPI Medical

Accomplishments

Use of python in artificial vision programs used in medical care building many projects like a bullet detector or face detector. Responsible overseeing the deinstallation of tomography equipment in USA to export them to México and making the installation of the medical device in the new localization giving support by fixing and giving maintenance to imaging equipment.

Education

02/2016 – 12/2019

Bachelor's degree in Mechatronics Engineering
Centro de Enseñanza Técnica Industrial

Skills & Competences

- Team **management**
- **Optimization**, correction, and implementation of new features in code
- **Intermediate - Advanced** English
- **APIs** design and integration
- Data **handling** and interpretation
- **Testing**, developing, or **launching** software products
- Technical **support** for customer
- **Database** development including schema and stored procedures
- **B2B** and **B2C** experience
- Creativity and perseverance
- Diplomatic skills and assertiveness
- Data **migrations** between systems
- Time management

Certificates

Sociedad Mexicana de Ingeniería Biomédica A.C

Given to the people who has assisted and participated in the congress of SOMIB.

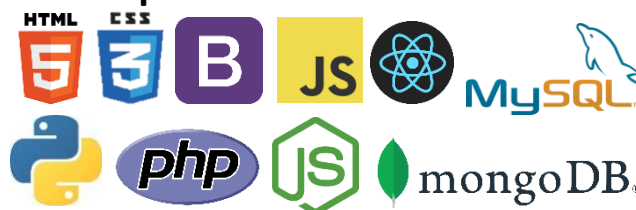
Primer Congreso Virtual de Ingeniería, Ciencia y Tecnología Ceti Colomos.

Given to the people who has assisted and participated in the first virtual congress of STEM in Ceti Colomos.

1st Place Winner NASA Challenge.

Given to the team who won the Overall Design Project of the International Air & Space Program at NASA's Marshall Space Flight Center.

Developer Skills



Languages

Spanish [**Native**] English [**B2**] German [**A2**]

Interests

Physics | Space Engineering | Scientific Divulcation | Artificial Intelligence | Mathematics | Reading | Software Develop | Agronomy |

Achievements & Projects

14/11/2021 – 20/11/2021

Huntsville, Alabama

International Air & Space Program

NASA's Marshall Space Flight Center

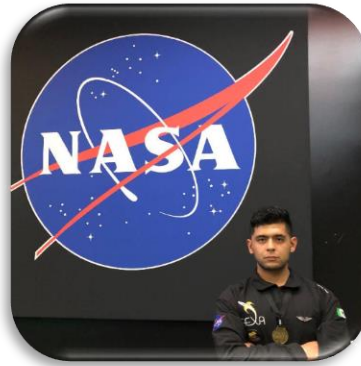
Accomplishments

I've had the pleasure of being one of the sixty participants selected to attend to this program that we won; our project it our project was taken to space by NASA and AEXA inside a MISSE module in the Cygnus NG-19 mission to be tested at the International Space Station (ISS) where astronauts live at.

Our team was integrated from people all around the world and we've developed a new metal alloy and a mechanism to substitute the undercarriage of a moon landing spacecraft, we managed to reduce time and costs in making maintenance, weight, and fuel of the spacecraft.

Our skills were tested under pressure with a deadline of 5 days where we learned to:

- Team up with unknown people.
- Lead a high-risk project made by a young group.
- Develop a brand-new compliant mechanism.



Social Media



[linkedin.com/in/osvel-chegizay-ríos-rodríguez](https://www.linkedin.com/in/osvel-chegizay-ríos-rodríguez)



<https://github.com/Osvelsx>



osvelsx.github.io/PortfolioWebAdAstra/