

# Jorge Agustín Erosa Herrera

## Data Engineering Student

A Senior Data Engineering undergraduate student with an interest in all data-related subjects. Always eager to learn and seek new challenges to improve my skills.



jorgeagustineh@gmail.com ✉

+52 9991907655 📞

Mérida, Yucatán, México 📍

linkedin.com/in/ja-erosa in

github.com/JA-Erosa 🐙

## EDUCATION

### Data Engineering

Universidad Politécnica de Yucatán

04/2019 - Present

Mérida, Yucatán, México

## WORK EXPERIENCE

### Data Analyst Intern

ValueScape

02/2021 - 04/2021

California, US (Remote)

A data science company providing advanced analytics for loan application generation, property inspection and appraisal efficiency.

#### Achievements/Tasks

- Part of a three-man team which developed a Convolutional Neural Network to identify roofs from a drone P.O.V.
- Convolutional Neural Networks research. Image labeling and tagging. Overcoming challenges such as lack of data and hardware limitations.
- Applied agile methodologies by having daily team meetings and a weekly meeting with our Scrum Master as well as creating a backlog and keeping track of it. Also displayed communication as well as presentation skills by showcasing our findings and proposed model.

Contact: William Leveson-Gower - wleveson@valuescape.com

### Data Science Intern

RICH IT

04/2020 - 08/2020

México City, México (Remote)

A Mexican company with the mission to create and transform data to improve life. More than a trillion digital registries analyzed to this day.

#### Achievements/Tasks

- Data acquisition and exploration, searching for a store that met the workload requirements for the company.
- Data integration, combining multiple data sources to create a sound inventory using Python.
- Data transformation, review and implementation of a variety of classification models.

Contact: Daniel Molinari - dmolinari@richit.ai

## Analyst

Instituto de Seguridad Jurídica Patrimonial de Yucatán (INSEJUPY)

12/2019 - 04/2020

Mérida, Yucatán, México

State Government Institution

#### Achievements/Tasks

- Analyst for the IT Department of the Planning and Modernization Direction.
- SQL Query tasks for all-purpose projects as well as daily client reports.
- Data cleaning for web services consumption using Python and Microsoft Excel.

Contact: Marissa Granada - marissa.granada@insejupy.gob.mx

## SKILLS

Python

Excel

SQL/MySQL

HTML/CSS

Agile

Teamwork

Leadership

Data Analysis

R (basic)

Bash (basic)

C/C++ (basic)

## PERSONAL PROJECTS & ACHIEVEMENTS

Programming club (08/2019 - Present)

- Co-Founder and Vice-president of the UPY's programming club Neo-Luddites.

3rd Place Visualization Contest (09/2019 - 11/2019)

- 3rd Place Recognition Diploma from an ECO-BICI Data Visualization Contest by CIMAT

Movie Recommendation Project (2019)

- Project based on the book: Programming Collective Intelligence by Toby Segaran

ELAP Scholarship Confirmed Recipient (10/2020)

- Global Affairs Canada International Scholarships Program under administration by the Canadian Bureau for International Education

## CERTIFICATES

Google Data Analytics (09/2021)

Issued by Coursera/Google with Credential ID: 2GY3NTGCCZ9Y

International Test of English Proficiency (ITEP, C2)  
(02/2020 - 02/2022)

ITEP International

Official Scrum Fundamentals Certification (OSFC)  
(07/2020 - Present)

By Asociación Iberoamericana de Scrum with Credential ID 21171650

Python Programming Track (05/2020 - Present)

Issued by DataCamp with Credential ID: 149565

Architecting with Google Compute Engine  
Specialization (09/2021)

Issued by Coursera/Google with Credential ID: BYVSKW5XZGTT

## LANGUAGES

Spanish

Native or Bilingual Proficiency

English

Native or Bilingual Proficiency

## INTERESTS

Stock Market

Artificial Intelligence

Statistics

Video Games

Data Bases

Anime

Machine Learning

Sports