


# Omar A. Ocasio Ortiz

Focused on learning about Software Development, Back-End Development, and DataScience, driven by learning different ways of approaching problem-solving and critical thinking.

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## EXPERIENCE

### **Wovenware, Geospatial Imagery Technician I**

FEBRUARY 2024 - PRESENT · SAN JUAN, PR

Developing 3D satellite imagery into predictive geographic models with a focus on hydro data, particularly in coastal areas leading to accurate representations of coastal environments.

### **Geospatial Imagery Apprentice**

JULY 2022 – February 2024 · SAN JUAN, PR

Development and classification of sophisticated satellite imagery into predictive geographic models. All the images for a “set” of data leading to the creation of predictive models for the identification of objects.

### **HPC in the City Dallas TX 2022, Data Science**

NOVEMBER 2022

Collaborated with participants in a group to work on the project at task. We created a Dashboard to view data collected by Environmental. Sensors deployed in the Balcones Canyonlands Preserve in Austin, TX analyzed and visualized the data applying Data Science and Web Development principals.

## EDUCATION

### **Inter American University of Puerto Rico, B.S Computer Engineering**

JANUARY 2020-DECEMBER 2023 · Bayamón, P.R

### **Inter American University of Puerto Rico, B.S Pre-Engineering**

AUGUST 2018-DECEMBER 2019 Ponce, P.R

## PROJECTS

*Covid-19 Data Viewer with database implementation in C++ and Python.*

*Brick Breaker Game in Java*

*Data Science Projects using MATLAB, Python and Jupyter Notebook*

*Data System of an e-commerce programmed with PostgreSQL.*

*Airline Route Optimization in Python*

## SKILLS

Programming: C, C++,

Java, Python, MATLAB

HTML, CSS, JavaScript,

ReactJS, Django, PostgreSQL,

JSON

Git, Github

Data Analysis and Research

Jira

English

Spanish