

# OSHER BOUDARA

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## EXPERIENCE

### **Cognizant** - *Data Scientist*

Aug. 2022 - Present

- Leading and developing projects in multiple data science and engineering teams in the crop science division of a global Fortune 500 client company, adapting to evolving requirements and delivering solutions to stakeholders.
- Implementing data science life cycle components: automated ETL pipelines, MLOps, cloud-computing code development, cloud technologies, version control, internal/external information system management, and visualization tools.
- Sole developer of the Climate Impact and Adaptation tool; a time-optimized and efficient crop modeling framework, utilizing ETL pipelines, complex data science techniques, and MLOps, that simulates crop growth globally under different climate change scenarios. Derives visualized insight on the crop growing cycle, environmental conditions, agricultural management practices, crop yield shifts, gas emissions and how climate change impacts these factors through 2100.
- Driving utilization of the Climate Impact and Adaptation tool throughout client company, advising teams on how to adjust business strategy due to stresses of climate change whilst maintaining company revenue.
- Successfully delivered the patentable Market Share Forecast tool employing ML Ops and data science techniques for predictions, classification, and feature extraction, providing unprecedented, actionable business insights to the client.

### **Hoffman Brothers Realty** - *Python Developer*

Jan. 2022 - Dec. 2022

- Implemented automation in Python using various AWS services (Lambda, Eventbridge, S3, etc.) to save company time and labor expenses. Advisement on additional areas of automation and providing maintenance as needed.
- Constructed Python scripts to interact with the company's Airtable database, performing CRUD operations and EDA to understand changing market trends and customer insights.

### **Cherre** - *Data Engineer Intern*

May 2021 - Aug. 2021

- Utilized GCP (Big Query, Data Studio) to build repeatable analysis, deduce the data lineage, and gain an overall understanding of cloud technologies.

### **Affinity Healthcare Center** - *Data Entry*

May 2019 - Jan. 2022

- Facilitated data entry into the company database, constructing various scripts to automate insertion processes.

## SKILLS

- Programming/Technical Skills: Python, SQL, AWS, GCP, Git/Github
- Spoken Languages: English (Native), Hebrew (Native)
- Certifications: AWS CCP, Microsoft: AZ-900, ML Specialization (U. of Wash.), Database Technician (US Dept. of Labor)

## EDUCATION

### **California State University, Northridge (CSUN)**

Bachelor of Science – Computer Science, Minor in Statistics, May 2022

### **Los Angeles Valley College (LAVC)**

Associate of Science – Mathematics, June 2020

### **Bar Ilan University, Tel Aviv**

Gap Year Program, June 2018

## LINKEDIN

[www.linkedin.com/in/osher-boudara-a612921b5/](https://www.linkedin.com/in/osher-boudara-a612921b5/)

## GITHUB

[www.github.com/osherboudara99/](https://www.github.com/osherboudara99/)  
[www.github.com/osherboudara-work/](https://www.github.com/osherboudara-work/)

## ALL CERTIFICATIONS

[www.linkedin.com/in/osher-boudara-a612921b5/details/certifications/](https://www.linkedin.com/in/osher-boudara-a612921b5/details/certifications/)