

RODRIGO LARA

College of Natural Science – Data Science Major • Michigan State University

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956-340-9251

<https://github.com/RodrigoLaraM> • https://rodrigolaram.github.io/Lara_Portfolio/

EDUCATION

MICHIGAN STATE UNIVERSITY.

College of Natural Science • Department of Computational Mathematics, Science and Engineering.

Bachelor of Science – Data Science Major • Business Minor

East Lansing, MI (Spring 2020 – Spring 2023)

GPA: 3.3

WORK & VOLUNTEER EXPERIENCE

META Production Engineer Fellowship

Major League Hacking

Remote (Summer 2022)

- Selected by a number of applicants to work on a META project.
-

TEACHING ASSISTANT

Michigan State University

East Lansing, MI (January 2022 – Present)

- Taught an introductory Python programming and algorithmic thinking course to 35 students.
- Learned and applied different teaching and learning methods to facilitate student understanding.
- Learned how to deconstruct problems in a user-friendly way (graphs, conceptual maps) for easier comprehension.
- Dedicated 4-6 hours a week on creating clear understandable examples to teach the material.

MANAGER ASSISTANT AND CLERK

The Kroger Co.

Shelby Township, MI (October 2018 – December 2021)

- Learned teamwork and communication skills to solve challenging tasks in a stressful and fast paced environment.
- Learned organization and administration skills for inventory management.
- Trained 4 of my new co-workers, taught them basic training and lead them to success.

RECEIVING CLERK

Bed Bath & Beyond

Shelby Township, MI (June 2021 – August 2021)

- Fast adaptation to different types of stressful and fast paced situations.
- Improved agility and technical analysis.

ORGANIZATIONS & EXTRACURRICULARS

ARTIFICIAL INTELLIGENCE CLUB.

Participant • Mentor

East Lansing, MI (Fall 2021 – Present)

- Assist students with Python 3 and C++ homework and projects.
- Group investigations, project developments and solutions executions related to statistical analysis, machine learning and artificial intelligence.

SPARTAN BLOCKCHAIN.

Participant

East Lansing, MI (Spring 2022 – Present)

- Non-profit organization that does research on everything Blockchain and business related.
- Offer consulting services for business.

COMPETITIONS AND PROJECTS

Hackathon. 'Dataset reader'

- Using different programming languages (Python, R) I made a simple project that will read specific datasets.

Data Analysis Project. '[Is NAFTA responsible for Mexico's obesity epidemic](#)'

- Used different Python libraries for data analysis; Pandas, NumPy, Statsmodels.api, Matplotlib.pyplot.
- Constructed models, read, cleaned, analyzed, and plotted different data from numerous files.

Data Analysis Project. '[Correlation between College Football teams' performance and victories](#)'

- Used R programming language and a variety of its libraries; tidyverse, broom, infer.
- Constructed models, read, cleaned, analyzed, and plotted different data from numerous files.

MSU AI Club Software Development Project. 'Attendance Face Recognition'

- By using our programming skills and doing a thorough investigation we developed a simple program that takes attendance by reading the user face through a camera and comparing it to a photo of the user for confirmation.

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SKILLS

Technical Skills. C++ • Python • R • MATLAB • SQL • GIT • Siemens NX(CAD) • MS Office
Soft Skills. Bilingual Communicator; English and Spanish (Native)
Interests. Reading • Philosophy • Politics • Music • Sports