

Bryan Ortiz

Email : ortizbryan54321@gmail.com

<https://bryan-ortiz0.github.io/>

Mobile : 515-490-7304

Experience

General Assembly

Remote

Teacher Assistant - Data Science Immersive Cohort

Nov 2023 - Present

Technical Expertise: Provided support for the lead instructor in a comprehensive Data Science Immersive Cohort, covering various technical aspects, including coding in Jupyter notebooks, Python (Seaborn, Matplotlib, Pandas), R, SQL, Tableau, Machine Learning, and more.

Instructional Support: Worked closely with lead instructor and assistants to manage grading, facilitate project workshops, and provide effective technical guidance to students.

L'Oreal

Remote

Instructional Assistant - Data Literacy Program

Nov 2023 - Present

Seminar Content: Assisted the lead instructor for L'Oreal's Data Literacy Program (150+ nontechnical participants), covering data democratization best practices, full data lifecycle phases like ETL and data modeling, and introducing data visualization tools like Tableau and PowerBI for transforming processed data into business insights.

Collaboration: Collaborated with L'Oreal's team to ensure alignment of expectation for the program.

Leadership: Responsible for polls/trivia questions to keep participants engaged and answer questions, enabling the lead instructor to present smoothly.

Focus On Community Uplifting, Self-Esteem & Success (FOCUSS)

Des Moines, Iowa

Python Curriculum Developer & Instructor

Oct 2023 - Present

Curriculum Development: Lead the creation of a comprehensive Python coding curriculum for high school students within the FOCUSS group.

Student Engagement: Foster student learning and engagement through hands-on coding exercises and projects in Jupyter notebooks and integrated development environments (IDEs) such as VSCode, ensuring a dynamic and interactive learning experience.

General Assembly

Remote

Data Science Fellow | 480+ hours

May 2023 – Aug 2023

Collaboration & Exploratory Analysis: Completed intensive 12-week program, collaborating on exploratory analysis of datasets using statistical techniques and data cleaning principles in Python.

Pattern Recognition & Data Visualization: Developed expertise in pattern recognition and data visualization, applying techniques like Matplotlib, Seaborn, and Tableau dashboards.

Go Bot | [bryan-ortiz0/go_bot\(github.com\)](https://bryan-ortiz0/go_bot(github.com)) : Engineered a Go-playing bot utilizing Convolutional Neural Networks (CNN) to understand intricate dynamics in the ancient game of Go, showcasing remarkable accuracy with a CNN-based approach reaching 15% (baseline: 0.028%).

Ames Housing Price Prediction | https://github.com/bryan-ortiz0/ames_housing_analysis: Employed linear regression techniques in Jupyter notebook to analyze Ames, IA housing data from CSV files, achieving an 89% accuracy in predicting sales prices for upcoming listings.

Education

University of Iowa

Iowa City, Iowa

B.Science in Neuroscience;

Aug 2015 – May 2019

Skills

SQL: Oracle, MySQL, PostgreSQL

1 year

Python: pandas, sklearn, matplotlib, numPy, seaborn, Keras, Tensorflow

1 year

Data Visualization: Tableau, Excel

1-4 years

Others: Multicloud Aviatrix Associate, CompTIA A+, CompTIA Network+, CompTIA Security+