

Bryan Ortiz

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## Experience

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### General Assembly

Teacher Assistant - Data Science Immersive Cohort

Remote

Nov 2023 - Present

**Analytics Fluency:** 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.

**Data-Driven Learner Assistance:** Worked closely with lead instructor and assistants to manage grading, facilitate project workshops, and provide effective technical guidance to students.

### L'Oreal

Instructional Assistant - Data Literacy Program

Remote

Nov 2023 - Present

**Foundational Analytics Concepts Training:** Assisted the lead instructor for L'Oreal's Data Literacy Program (200+ 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.

**Program Collaboration & Leadership:** Collaborated with L'Oreal's team to ensure alignment of expectation for the program. 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)

Python Curriculum Developer & Instructor

Des Moines, Iowa

Oct 2023 - Present

**Specialized Coding Content Engineering:** Leading the creation of a comprehensive Python coding curriculum for high school students within the FOCUSS group.

**Inclusive Instructional Techniques:** Foster student learning and engagement through hands-on coding exercises and projects in Jupyter notebooks/integrated development environments (IDEs) like VSCode, while leveraging bilingual fluency in Spanish and English to build interpersonal connections with broader range of students across language barriers, ensuring a dynamic and interactive learning experience.

### General Assembly

Data Science Fellow | 480+ hours

Remote

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):** 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 | [bryan-ortiz0/ames\\_housing\\_analysis \(github.com\)](https://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

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### University of Iowa

B.Science in Neuroscience;

Iowa City, Iowa

Aug 2015 – May 2019

## Skills

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**SQL:** Oracle, MySQL, BigQuery, SQLite

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+