**Daniel Rivera**

954-257-0428 | drive234@fiu.edu |  [LinkedIn](https://www.linkedin.com/in/daniel-rivera-profile/) |  [GitHub](https://github.com/Danielrs0579)

# Professional Summary

Computer Science Student from Florida International University with a strong foundation in **data science**, **machine learning**, and **software development**. Proven ability in implementing efficient **data processing** and **ETL pipelines**, developing **advanced analytical models**, and leading project design from conception to deployment. Passionate about leveraging **analytical skills** and technical expertise to solve complex problems and drive data-driven decision making. Adept at enhancing team collaboration and productivity through effective teaching and mentoring. Seeking to apply my skills and knowledge as a **Data Scientist** or **Machine Learning Engineer** to contribute to innovative solutions and continue professional growth.

# Education

**Florida International University** | *Miami, FL*

▪ **B.A Computer Science** | ***A.A General Studies***

# Skills

* **Programming Languages: Java** | **Python** | **SQL | C | HTML | CSS | JavaScript**
* **Relevant Courses: NLP | Data Mining | Database Management | Data Structures | Operating Systems | AI**
* **Data Science & Machine Learning: scikit-learn | NumPy | Matplotlib | RDBMS | AI | Transformers | Neural Networks**
* **Software & Tools: Microsoft Office | Power BI | Power Query| Fusion 360| AutoCAD |Git | AWS | MySQL**
* **Certifications:** **Business Operation | Business Management | Accounting Technology Specialist | AI4ALL**

# Experience

***Amazon*** |Area Manager  *08/2023 - Current*

* **Analyzed data**  to improve OTS (On Time Staging) , and OTD (On Time Delivery metrics) by abnormalities in the system; packages that were set in staging area, but not staged in the application. Both had an average improvement of 8%.
* Created and gathered data on hazardous spills on DFH7 facility then created a plan to reduce spills which led to reduction in potential injuries, occurrences dropped from 15 daily spills to 3 daily spills average.

***Yunex Traffic*** |Data Engineering Intern  *08/2023 - Current*

* **Optimized data** processing by implementing efficient **ETL pipelines**, and **automated** workflows.
* Developed interactive dashboards using **Power BI**, enhancing data interpretability for cross-functional teams.

▪ Automated routine **data analysis** tasks, improving operational efficiency.

***Zero Limit LLC* |** Lead Programming Instructor *11/2022 – 08/2023*

* Revamped program **AI**, and **Python** curriculum, leading to an increase in student engagement and comprehension.
* Selected educational resources and crafted lesson plans focused on **3D modeling** and **web development**, customizing instruction to advance individual students' skills in these technical domains. .

# Project(s)

### **Hate Speech Detector** |Python | Git | Transformers | Kaggle01/2024

* Developed a **machine learning model** using the **Transformers library** to detects hateful, and/or inappropriate speech.

▪ Implemented user-report system that further develops the **LLM**’s adaptability to new forms of hate speech.

* Collaborated in a team to refine the hate speech detection algorithm, boosting its precision and multilingual adaptability.