

JORDY KIETO

San Francisco, CA

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WORK EXPERIENCE

❖ **Software Engineer, Google** Mar 2022 — Present
San Francisco, CA

Engineered high-throughput ETL pipelines using Flume, Java, and C++ to process over 1 million YouTube Commerce transactions daily. These pipelines not only ensured accurate revenue attribution for YouTube creators and partners like Nintendo and Samsung but also powered data products and fueled the training of machine learning models. This involved designing a robust data ingestion and transformation framework to handle diverse data sources, including Google Payments, iOS, and carrier billing.

❖ **Data Scientist, PepsiCo** Aug 2019 — Dec 2019
New York

At PepsiCo, I spearheaded an impactful ad spend optimization project, developing advanced TensorFlow models in Python to enable data-driven decisions on platforms like Amazon and Instacart. I successfully deployed these solutions into production using AWS, Flask, and Ansible, showcasing my ability to deliver end-to-end machine learning solutions and improve advertising efficiency in a competitive industry.

DATA SCIENCE PROJECTS

❖ **Keras CARLA SelfDriving**

Developed a self-driving car solution using Keras and CARLA simulator, demonstrating expertise in neural network design, sensor data processing, and real-time decision-making. Built an API for seamless integration of custom models, facilitating research and collaboration in the autonomous vehicle domain.

https://github.com/JordyKieto/Keras_CARLA_SelfDriving

❖ **Voice Synthesis with DiffSVC**

Developed a personalized voice model using Diff-SVC, trained on hours of freestyle rap recordings. The model, capable of recreating famous songs in my own voice, showcases proficiency in data collection, processing, and advanced machine learning techniques for creative audio synthesis.

https://github.com/JordyKieto/Voice_Synthesis_with_DiffSVC

❖ **NYC SAT Scores Predict**

I conducted an in-depth analysis of NYC SAT scores and racial demographics, training a predictive model to highlight disparities in the education system. To empower broader access to these insights, I developed and deployed a full-stack web application where users can input relevant data and receive predicted scores, thereby fostering awareness and informing discussions on educational equity.

<https://github.com/JordyKieto/NYC-SAT-Scores-Server>

EDUCATION

❖ **Columbia University** Feb 2019 — Dec 2021
Instructor New York, NY

As a Lead Instructor in a data science bootcamp, I've guided students through the fundamentals of data analysis, utilizing tools like pandas and Jupyter Notebook. I also empowered them to build predictive models using TensorFlow, equipping them with essential skills for a career in data science.