Sofia Martinez

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Professional Summary

Data Scientist with 3 years of experience in **Python, NLP, and Machine Learning**. Skilled in developing ML models and APIs but with limited exposure to **Azure cloud infrastructure**. Interested in applying Generative AI and LLM research to production systems.

Core Skills

- **Programming:** Python, Flask, FastAPI (basic), Docker

- **AI/ML:** NLP, Machine Learning, PyTorch, Transformers (HuggingFace)

- **Cloud Exposure:** AWS (EC2, S3), basic Azure App Service

- **Databases:** PostgreSQL, MongoDB

- **Other:** Git, Agile, CI/CD basics

Professional Experience

Data Scientist | Shopify – Ottawa, ON
Jun 2021 – Present

- Built **text analytics models** for customer service insights using **Python and Transformers**.

- Developed small-scale APIs with **Flask** and Dockerized deployments.

- Used AWS S3 and EC2 for model hosting and training pipelines.

- Conducted research on **Generative AI use cases** but limited exposure to production deployment.

Junior NLP Engineer | AI Startup – Ottawa, ON
Sep 2019 – May 2021

- Created **sentiment analysis models** in Python.

- Deployed prototypes with Flask APIs.

- Assisted senior engineers in transitioning workloads to **Azure App Service**.

Education
B.Sc. in Data Science
Carleton University, 2019