Daniel Wong  
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**Professional Summary**

AI/ML Engineer with 4 years of experience in **NLP and Generative AI**. Strong Python background with hands-on work in **LLMs, LangChain, and Transformers**. Experience deploying APIs with **FastAPI and Docker**, and exposure to Azure services including **Azure Functions, App Service, and DevOps pipelines**. Interested in expanding expertise in **AKS and RAG-based solutions**.

**Core Skills**

* **Programming:** Python, FastAPI, Docker
* **AI/ML:** NLP, Transformers, LangChain, GPT, PyTorch
* **Cloud:** Azure Functions, Azure App Service, Azure DevOps (basic pipelines), AWS EC2
* **Databases:** MongoDB, MySQL
* **Other:** Git, REST APIs, Agile, CI/CD

**Professional Experience**

**Machine Learning Engineer** | TD Bank – Toronto, ON  
*Aug 2020 – Present*

* Built NLP-driven text classification and entity extraction models in **Python** using **Transformers**.
* Designed APIs with **FastAPI** for integration into internal risk monitoring tools.
* Used **Azure Functions** for lightweight model deployment and automated workflows.
* Assisted DevOps team in configuring **Azure DevOps pipelines** for ML model CI/CD.

**AI Research Assistant** | University of Waterloo – Waterloo, ON  
*May 2018 – Jul 2020*

* Researched **LLM applications for information retrieval**.
* Contributed to **LangChain-based chatbot prototypes**.
* Deployed small-scale ML APIs using **Docker** containers.

**Education**

**Bachelor of Applied Science in Computer Engineering**  
University of Waterloo, 2020