Yingjie Yuan

York University Email | ePortfolio | Lassonde School of Engineering | Co-op

EDUCATION

York University, Lassonde School of Engineering Ontario, Canada
B.Sc., Honours Computer Science *Expected May 2026*

California State Polytechnic University, Pomona Pomona, CA
Bachelor of Science in Hospitality Management *Aug. 2018 – May 2022*

EXPERIENCE

Open Source Project Contributor and Developer Aug. 2021 – Present
Various Projects *Remote*
- Developed and maintained features for open-source projects, focusing on AI and ML applications
- Implemented cutting-edge LLMOps practices, enhancing AI-powered functionalities and improving system performance
- Refactored and modularized codebase, improving maintainability and facilitating integration of new language models
- Contributed to 5+ open-source projects, gaining recognition from project maintainers

Independent Developer Jul. 2024 – Present
Self-employed *Remote*
- Developed open-source tools leveraging Google Cloud Platform and Vertex AI
- Utilized Cloudflare for domain management and deployment
- Implemented CI/CD pipelines using GitHub for efficient development workflows

Front Desk and Night Audit Operations Sep. 2021 – Dec. 2021
IHG Hotels & Resorts *Ontario, CA*
- Managed front desk operations and night audit processes, utilizing Oracle OPERA and IHG Hospitality System Tools
- Implemented backup and disaster recovery protocols for hotel's electronic data
- Conducted detailed analyses and reporting on hotel occupancy and financial status

PROJECTS

Telegra.ph with Python | *Python, API Integration* Jul. 2024 – Present
- Developed and published a Python package to simplify interaction with the Telegraph API
- Implemented Markdown support for easy content creation and designed a flexible token management system

ChatGPT-Exporter-Time-Lookup Tool | *Python, Data Processing* Dec. 2023
- Designed and implemented a tool for verifying timestamps in ChatGPT's chat history
- Enhanced cross-platform data processing capabilities, reducing processing time by 60%

Machine Learning Model for Image Classification | *Python, TensorFlow* Mar. 2024
- Developed and trained a convolutional neural network for image classification using TensorFlow
- Implemented data augmentation techniques to improve model accuracy and generalization

TECHNICAL SKILLS

Languages: Python (Advanced), Java (Advanced), JavaScript (Intermediate), C/C++ (Intermediate), SQL
Web Technologies: HTML/CSS, React.js, Node.js
AI/ML: Machine Learning, TensorFlow, PyTorch, Large Language Models (LLMs), LLM Fine-tuning, Prompt Engineering
Cloud & DevOps: Git, Docker, AWS, Azure, GCP, CI/CD
Other: RESTful APIs, Agile Methodologies, Linux, Jupyter Notebook

CERTIFICATIONS & LANGUAGES

Certifications: Amateur Radio Technician Operator (U.S. FCC, Jul. 2021), Ontario G Driver's Licence (May 2023)
Languages: English (Fluent), Chinese (Native), French (Basic)