

QI YING {KEVIN} HUANG

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TECHNICAL SKILLS

Languages: Python, SQL

Data Tools: Pandas, NumPy, Matplotlib, Power BI, MongoDB, PostgreSQL, BigQuery

Other Tools: GitLab, Git, Docker

EDUCATION

York University

Bachelor of Science in Computer Science; GPA: 3.3

Toronto, ON

Expected 2029

EXPERIENCE

Ubineer Corp.

Data Science Intern

Toronto, ON

December 2025 - Present

- Developed a custom data pipeline to automate the extraction of key operational metrics from SEC filings, reducing the need for manual data entry
- Cleaned and structured the extracted data using **Python** and mapped the results into a **BigQuery** database for efficient storage and analysis.
- Improved data accessibility for the team by organizing complex financial information into a centralized, searchable database format

Global Cleantech Directory

Database Developer Intern

Remote

September 2025 – December 2025

- Deployed a scalable database using **MongoDB**, containerized with **Docker** on an **Ubuntu server** to store and manage **50,000+** data entries on cleantech companies
- Developed the **database schema** by creating detailed **Entity-Relationship (ER) Diagrams**, structuring complex data into logical collections and ensuring data integrity
- Established the foundational database schema that enabled complex queries and data relationships, directly supporting internal research and business outcomes

U+ Education (Co-op)

Web Developer Assistant

Markham, ON

February 2024 – June 2024

- Optimized and updated web interfaces using **Figma** and **Wix**, improving site usability and user engagement
- Collaborated with team members to implement specific **HTML/CSS elements** into websites, such as custom calendars, personalized dashboards, etc.
- Built and deployed **Python** web scrapers (**BeautifulSoup**, **Scrapy**, **Selenium**) to collect and clean **1,000+** school data entries, creating structured datasets for future analysis

PROJECTS

Bank Loans Dashboard | SQL, Data Analytics

Personal Project

November 2025

- Engineered a robust data foundation by managing **40,000+ loan data entries** from CSV into a scalable **PostgreSQL** relational database
- Developed and optimized complex **SQL queries** to extract key performance indicators, segment borrower data, and inform risk assessment models
- Designed an interactive dashboard using **Power BI** to visualize key findings, translating raw data into clear, actionable business intelligence

Stocks Predictor | Python, Machine Learning

Personal Project

April 2024

- Engineered and tuned **deep learning** models (**Keras Sequential**) to predict daily stock prices, achieving **30% reduced Mean Squared Error** by applying **feature engineering**, **time-series analysis**, and **model evaluation** techniques
- Created a **Python** script to scrape historical data of a stock, such as date, opening/closing price, and high/low prices, from Yahoo Finance using **Selenium**
- Preprocessed financial data using **Jupyter Notebook**, leveraging libraries such as **Pandas**, **NumPy**, and **Matplotlib** for **data cleaning and visualization**

Scan2Merge | Python, Computer Vision

Hackathon Project

[**https://github.com/KevinH127/Scan2Merge**](https://github.com/KevinH127/Scan2Merge)

July 2024

- Created a hackathon project app that processes photos of handwritten notes using **OpenCV** for image enhancement, alignment, and merging into a single PDF
- Implemented **image processing algorithms** to improve clarity, reduce distortion, and ensure consistent formatting in the final PDF