

# QI YING {KEVIN} HUANG

647-569-1398 | [hkevin16811@gmail.com](mailto:hkevin16811@gmail.com) | [linkedin.com/in/qi-ying-huang-28b0102b2/](https://www.linkedin.com/in/qi-ying-huang-28b0102b2/) | [github.com/KevinH127](https://github.com/KevinH127)

## 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*

<https://github.com/KevinH127/StocksPredictor>

*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>

*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