

Vicky Kuo

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[LinkedIn](#) | [GitHub](#) | [Tableau](#) | [Medium: Vicky's Notes](#)

PROFILE SUMMARY

An innovative data enthusiast with proven experience in managing complex multi-million dollar projects and crafting tailored solutions for a diverse clientele of over 300 business entities. Proficient in Python, SQL, Tableau, and project management tools, with a knack for data analysis, AI, web development, and a strong commitment to driving business growth through data-driven strategies.

CORE COMPETENCIES

- **Coding:** Python, SQL, Docker, HTML, Java
- **Business Intelligence:** Redash, Tableau, Looker
- **Project Management Software:** Trello, Jira, Confluence, Asana, Monday.com, Zenhub
- **CRM Software:** Hubspot, Zendesk
- **Log Management:** Kibana
- **API Testing Tool:** Swagger
- **Product Analytics:** Amplitude
- **Prototyping and UML:** Figma
- **Localization Tool:** Localise

EDUCATION

MA in Information Systems and Technology

York University, Toronto, Canada, Sep 2022 - 2024

- Cum. GPA: 3.8 / 4.0; Award: York Fellowship (2022)

BSc in Software Engineering

Fu Jen Catholic University, Taipei, Taiwan, Sep 2018 - Jun 2021

- Cum. GPA: 3.78 / 4.0; Award: Academic Excellence (2018, 2019 & 2021)

CERTIFICATE

- AWS Certified Cloud Practitioner (Issued Sep 2023)
- IBM Databases and SQL for Data Science with Python (Issued Sep 2021)

PROFESSIONAL EXPERIENCE

Data Scientist Intern

IBM, Toronto, Canada

Tech Stack: Generative AI, Web Development, Machine Learning

May 2023 - Present

- Creating technical content (projects, labs and write-ups) for Data Science/Machine Learning and Software Development on the Skills Network Team, Coursera, and the IBM TechXchange Conference 2023, assisting to enhance the learning experience for a diverse learners population worldwide.

Founding Member and Full Stack Developer

Terranova Health Network, Toronto, Canada

Tech Stack: Web Development

May 2023 – Present

- Co-creating a radical digital healthcare communications software and data-driven pitch decks for patients with chronic and/or rare illnesses to securely and cooperatively manage their health online.

Research and Teaching Assistant

York University, Toronto, Canada

Tech Stack: Python, Tableau, SQL

Sep 2022 – Present

- Utilized numerical optimization algorithms and machine learning techniques to analyze complex datasets, including medical data from Sunnybrook Hospital, yielding actionable insights.

Implementation Consultant

Swingvy (SaaS-based HRIS company), Taipei, Taiwan

Tech Stack: Jira, CRM, BI, HTML, SQL, Prototyping

Dec 2020 – Aug 2022

- Led technical expertise for over 300 companies, with a focus on innovation in HR process optimization. This involved streamlining data migration, accelerating UX with rapid MVP delivery, and achieving a 3% churn rate reduction.

VOLUNTEER

INNER CITY OUTREACH, Toronto, Canada

Jun 2023 - Aug 2023

- Opportunity Identification: Participated in social action to foster a sense of community and dignity and suggested that the children contribute to fundraising efforts by putting on a performance/presentation.