William Kim

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EDUCATION

University of Pittsburgh   **Pittsburgh, PA**
Bachelor of Science in Computer Science   April 2024

PROFESSIONAL SUMMARY

Data and AI-focused professional with experience designing **analytics systems**, **automating reporting workflows**, and deploying **AI-powered applications**. Skilled in **SQL (Snowflake, PostgreSQL)**, **Excel**, **Python (Pandas)**, and visualization tools (**Power BI, Tableau, Streamlit**). Adept at translating **business needs into actionable insights** and delivering **end-to-end solutions**, with additional expertise in **AI integration (GPT-4/5, OCR)** to streamline **document-heavy processes**.

PROFESSIONAL & TECHNICAL EXPERIENCE

Athletico Physical Therapy   **Lake Zurich, IL**
Physical Therapy Aide   October 2024 – Present
- Supported therapists with treatment setup, equipment preparation, and patient exercise assistance.
- Assisted with scheduling support and documentation to maintain smooth clinic operations.

Independent Projects   **Barrington, IL**
Freelance Data & Business Analyst   May 2023 – Present
- **Snowflake + Power BI Analytics (Portfolio Project)**
  - **Designed** a **Snowflake data warehouse** with normalized schemas (*customers, orders, products, order_items*).
  - **Built SQL transformations** and **automated KPI pipelines** (*revenue, margin, MoM growth, customer LTV*).
  - **Delivered** interactive **Power BI dashboards**, enabling faster financial and operational insights.
- **KPIFlow AI (Web App)**
  - **Developed** a **Streamlit web app** to transform raw CSV/Excel data into interactive **KPI dashboards**.
  - **Automated** data cleaning and KPI calculations for consistent reporting across **revenue and growth metrics**.
  - **Integrated Azure OpenAI GPT-4o-mini** for **plain-English insights** and exportable reports.
- **GhostTab AI (Chrome Extension)**
  - **Created** a **Chrome extension** to capture and summarize online content, reducing research/reporting time by ~35%.
  - **Built** backend pipelines using **FastAPI** and deployed on **Google Cloud Run**.
  - **Implemented** secure **APIs** and **CI/CD (Continuous Integration / Continuous Deployment)** automation for scalability.

SKILLS & CERTIFICATIONS

Data & Analysis: SQL (Snowflake, PostgreSQL) · Excel · Python (Pandas) · Tableau · Power BI · KPI Design
AI & Automation: GPT-4/5 integration · OCR (Azure, OpenCV) · Workflow Automation
Cloud & Development: Streamlit · FastAPI · Docker · Google Cloud Run · Git/GitHub
Certifications: Databricks (AWS Platform Architect, Generative AI Fundamentals) · IBM (Enterprise Design Thinking)

INTERESTS

4 AM training in swimming, gymnastics, and weightlifting — reflects discipline and resilience.