William Kim

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EDUCATION

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

PROFESSIONAL SUMMARY

Proficient in SQL (Snowflake, PostgreSQL), Excel, and Python (Pandas) for **data cleaning, KPI design, and visualization**. Experienced in building **dashboards (Power BI, Tableau, Streamlit)** and **automating reporting workflows**. Skilled at **translating business needs into actionable insights**, with bonus expertise in **AI integration (GPT-4/5, OCR)** to reduce reporting effort.

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.

Freelance Data/Business Analyst   **Barrington, IL**
Independent Projects in Data Analysis, Workflow Automation, and Reporting   May 2023 – Present
- **Snowflake + Power BI Analytics (Portfolio Project)**
  - Designed a **Snowflake cloud data warehouse** with normalized schemas (customers, orders, products, order_items).
  - Built SQL transformations and automated **KPI pipelines** (revenue, margin, MoM growth, customer LTV).
  - Delivered **Power BI dashboards** with interactive trend analysis, enabling faster business insights.
- **KPIFlow AI (Web App)**
  - Built a web app to turn raw CSV/Excel data into **KPI dashboards** with interactive charts (Pandas, Plotly, Streamlit).
  - Automated **data cleaning and KPI calculations** for consistent reporting across revenue, margin, and growth metrics.
  - Integrated **Azure OpenAI GPT-4o-mini** to generate plain-English business insights and exportable PowerPoint reports.
- **GhostTab AI (Chrome Extension)**
  - Created a **Chrome extension** to capture and summarize online content, reducing research/reporting time by ~35%.
  - Designed backend workflows for **data extraction and reporting pipelines** using FastAPI and cloud deployment.
  - Implemented secure APIs and **CI/CD automation** for scalable and reliable delivery.

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.