

William Kim

williamcjk11@gmail.com | (773) 415-4606 | williamckim.com | linkedin.com/in/william-c-kim

EDUCATION

University of Pittsburgh Bachelor of Science in Computer Science	Pittsburgh, PA April 2024
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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 <i>Physical Therapy Aide</i>	Lake Zurich, IL October 2024 – Present
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- Supported therapists with treatment setup, equipment preparation, and patient exercise assistance.
- Assisted with scheduling support and documentation to maintain smooth clinic operations.

Independent Projects <i>Data Analysis · AI Integration · Workflow Automation</i>	Barrington, IL May 2023 – Present
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- 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.