

William Kim

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EDUCATION

University of Pittsburgh

Bachelor of Science in Computer Science

Pittsburgh, PA

April 2024

PROFESSIONAL SUMMARY

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

PROFESSIONAL & TECHNICAL EXPERIENCE

Athletico Physical Therapy

Barrington, IL / Lake Zurich, IL

Physical Therapy Aide

September 2020 – August 2021; October 2024 – Present

- Created tracking logs for 20+ patients daily, improving reporting accuracy and throughput analysis.
- Improved scheduling efficiency by 15%, aligning staffing with peak demand hours.

Freelance Data/Business Analyst

Barrington, IL

Independent Projects in Data Analysis, Workflow Automation, and Reporting

May 2023 – Present

- **KPIFlow AI**
 - 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** (revenue, margin, MoM growth, customer counts) for consistent reporting.
 - Integrated Azure OpenAI GPT-4o-mini to produce **plain-English business insights** and **exportable PowerPoint reports** for stakeholders.
- **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.
- **SplitChamp AI (Mobile App)**
 - Developed a mobile app to **automate bill-splitting and expense reconciliation** with OCR, reaching 95%+ accuracy.
 - Enhanced parsing logic with **deduplication and tax/tip handling**, reducing reporting errors by 20%.
 - Managed **CI/CD deployment pipelines** for stable, production-ready releases on Google Play.

SKILLS & CERTIFICATIONS

Data & Analysis: SQL · Excel · Python (Pandas) · Data Cleaning · KPI Design · Tableau/Power BI

AI/ML (Applied): GPT-4/5 integration · OCR (Azure, OpenCV, Tesseract) · PyTorch (ONNX export)

Development: FastAPI · React/React Native · Next.js · Streamlit · Plotly

Cloud & DevOps: Docker · Google Cloud Run · AWS · CI/CD pipelines · 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.