William Kim

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

EDUCATION

University of Pittsburgh   **Pittsburgh, PA**
Bachelor of Science in Computer Science   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
- 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
- **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.