William Kim

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EDUCATION

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

PROFESSIONAL SUMMARY

Entry-level Data & Business Analyst | AI-Savvy Developer with experience designing tools that automate workflows, improve reporting accuracy, and deliver actionable insights. Skilled in SQL, Excel, and Python for data analysis, with additional expertise in OCR pipelines, GPT-4/5 integration, and cloud-deployed microservices. Proven ability to ship end-to-end applications (Chrome extension, mobile, web) from requirements to deployment.

PROFESSIONAL & TECHNICAL EXPERIENCE

Athletico Physical Therapy   **Barrington, IL / Lake Zurich, IL**
Physical Therapy Aide   September 2020 – August 2021; October 2024 – Present
- Assisted therapists in managing daily workflows for 20+ patients, improving clinic throughput by 15%.
- Coordinated patient flow and maintained records, supporting accurate reporting and communication.
- Trained and onboarded new aides on clinic processes to ensure consistent quality of care.

Freelance Data/Business Analyst   **Barrington, IL**
Independent Projects in Data Analysis, Workflow Automation, and Reporting   May 2023 – Present
- **GhostTab AI (Chrome Extension)**
  - Chrome extension that captures and summarizes online content, reducing research time by ~35%.
  - Developed backend workflows and reporting pipelines using FastAPI and cloud deployment.
  - Designed secure APIs and automated CI/CD pipelines for scalable delivery.
- **SplitChamp AI (Mobile App)**
  - Mobile app that automates bill-splitting and expense reconciliation with OCR, achieving 95%+ accuracy.
  - Improved parsing logic with post-processing (deduplication, tax/tip handling), reducing reporting errors by 20%.
  - Deployed production-ready app via CI/CD pipelines, ensuring stable Google Play releases.
- **ExplainAnything AI (Web App)**
  - Web app that simplifies legal, medical, and technical text into plain-English or ADHD-friendly formats.
  - Added multiple modes (executive TL;DR, medical explanation, study notes, translations) for diverse users.
  - Enhanced accessibility and usability for non-technical and neurodiverse audiences.

SKILLS & CERTIFICATIONS

Data & Analysis: SQL · Excel · Python (Pandas) · Tableau/Power BI (basic)
AI/ML: GPT-4/5 integration · PyTorch (ONNX export) · OCR (Azure, OpenCV, Tesseract)
Development: FastAPI · React/React Native · Next.js · Expo
Cloud & DevOps: Docker · Google Cloud Run · AWS · CI/CD pipelines · Git/GitHub

INTERESTS

Competitive athlete —4 AM daily training in swimming, gymnastics, and weightlifting demonstrates **discipline, resilience, and focus**.