Kevin Burkhardt

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Profile

I'm excited to explore how IT supports real-world business operations, especially through ERP systems like SAP. I'm eager to apply my technical skills while learning how enterprise software drives efficiency in a company. With a strong foundation in the technical field, I'm looking for an internship where I can grow, solve problems, and gain hands-on experience in the field.

Professional Experience

King Cyber, *Freelance Web Developer*   Jun 2024 – Aug 2024
  · Designed and built a secure employee login system with encrypted passwords for restricted access
  · Developed a responsive website to ensure seamless performance across all devices
  · Partnered with the client to tailor the site to business needs and delivered the project on schedule
  · **Technical Skills:** Python, Flask, SQL Alchemy, Django, HTML, CSS, GitHub

Carnegie Mellon University, *Undergraduate Research Assistant*   May 2023 – Oct 2023
  · Developed and optimized AI models for E-waste recycling to enhance efficiency and accuracy
  · Trained, tested, and evaluated AI models to improve performance and reliability
  · Coordinated and structured weekly tasks using Microsoft Excel for effective project management
  · Created and presented weekly slide decks to effectively communicate project progress and key updates
  · Engaged in daily stand-up meetings to identify blockers, report progress, and outline next steps
  · **Technical Skills:** Python, GitHub

Education

B.S. Computer Science, *University of Pittsburgh*   Aug 2021 – Dec 2025

B.S. Digital Narrative and Interactive Design, *University of Pittsburgh*   Aug 2021 – Dec 2025
  Overall GPA: 3.29/4.0

Projects

Theta Wave Magnavox Odyssey Input
  · Interfaced with an Arduino to communicate with a Mindflex headset to read users brain activity
  · Soldered wires to connect Arduino to the Mindflex PCB
  · Mapped the brain activity to relating voltage outputs to control users on-screen movement
  · **Technical Skills:** C++, Arduino, Soldering

Graphics Library
  · Developed a graphics library in C
  · Carried out solely using Linux system calls
  · Implemented functionality for user input, drawing text, rectangles, and circles
  · **Technical Skills:** C

Skills

Programming - 4 years — Proficient
  Languages: C, C#, C++, Python, Java, JavaScript, HTML, CSS

Technologies — Competent
  Linux, Java Database Connection, Microsoft Office Suite, Github, JUnit, Mockito, Maven, Selenium, Visual VM, Django, PostgreSQL, SQL Alchemy, Unity

Societies & Organizations

Westinghouse Science Honors Institute
Pitt Men's Glee Club
Greensburg Salem National Honors Society