

Brian T. Kenkel

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EDUCATION

Bachelor of Science in Information Technology/Software Development

Expected August 2024

University of Cincinnati | Cincinnati, OH

- GPA: 3.4/4.0
- Relevant Coursework: Comp. Programming I and II (Java), Contemporary Programming (C#), Database Management I and II (SQL and SQL Server), System Administration (Linux), Info. Security and Assurance, Comp. Networking, Fund. of Web Development (HTML5 and CSS), Mobile Device Programming, Web Server App. Dev

SKILLS

Programming Languages: Java, C#, Python, Dart, SQL, HTML5, CSS, JavaScript

System Software: Visual Studio, Visual Studio Code, SQL Server, Microsoft Office, GitHub/Git

APIs/Libraries/Frameworks: Flutter, ASP.NET, .NET Core, Selenium

Operating Systems: Windows, Linux, Mac OS

PROJECTS

PDFChat

<https://github.com/bkenks/PDFChat>

- Coded python program that allows a gen AI model (e.g. ChatGPT) to craft responses utilizing data in a PDF.
- Program embeds uploaded PDFs into local vector store then gen AI model uses existing knowledge from OpenAI's LLM to parse and understand the user input, then references the local vector store to provide answer in relation to the uploaded PDF.

Automotive Head Unit

- Manufactured a custom head unit for my vehicle utilizing hardware such as a Raspberry Pi 4, touchscreen, UPS (Uninterrupted Power Source), and more.
- Researched and sourced all hardware and ensured proper integration compatibility.
- Developed a Python script for the RPi4 to switch the video input to the backup camera when car is shifted to reverse.
- Configured UPS to safely shut down after the car is turned off.

EXPERIENCE

Handyman/Owner

September 2023 – Present

Revival Property Improvement | Cincinnati, OH

- Started a business maintaining and repairing customer's homes. Build and foster strong relationships with customers.
- Lost zero customers since starting business.
- Formed and managed a complete business architecture (legal entity, banking/finances, bookkeeping/taxes, software integration, customer service).

Software Engineer

August 2023 – September 2023

Overhoff Technology Corporation | Cincinnati, OH

- Automated the programming of Human Interface Devices (HIDs) for radiation detection devices through bash scripting, cutting down time spent programming each device by about half.
- Implemented code refinements to align with established best practices, such as OOP, to maintain the reliability of the radiation detection devices throughout changes and modifications.
- Adopted GitHub into their workflow, streamlining project collaboration and code management.

Crew Lead/House Painter

June 2019 – August 2023

Sprague Painting | Cincinnati, OH

- Optimized workflow while overseeing and communicating with employees to maximize efficiency and quality.
- Improvised solutions to satisfy customer's request and communicated with customers daily.