

# Chayton Pfannenstiel

❖ mkof03@gmail.com ❖ (316) 252-5241 ❖ Wichita, KS ❖  ChaPfa25 ❖ Pfann.tech

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## EDUCATION

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### Wichita State University

*Bachelor of Business Administration – Management Information Systems – Business Analytics*

*Graduation Date: May 2025*

*Wichita, KS*

- *Magna Cum Laude – 3.85 GPA*
- *Sigma Alpha Epsilon – House Manager & Brotherhood Chair*
- *Wichita State Rocket Club – Former Outreach Chair*
- *MIS Club – Member*

## WORK EXPERIENCE

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### Adams Brown

*Web Application Developer*

**May 2023 – Present**

*Wichita, KS*

- Engineered Advanced Web Applications
  - Built advanced business applications using the following tech stack:
    - Backend: C# ASP.NET, MS SQL Server, Entity Framework, ADO.NET, Entra ID
    - Frontend: HTML, CSS (Bootstrap), JS, Razor (server-side rendering)
    - Tools: SSMS, IIS, Postman, Bootstrap Studio, Visual Studio, GitHub
- Pioneered AI Agents
  - Deployed different chatbots and agents
    - Integrated AI into internally developed web applications to enhance user experience
    - Introduced Retrieval-Augmented Generation (RAG) Copilot Agents to improve the firm's access to critical information

*Student Worker / IT Intern*

*Wichita, KS*

- Engineered CRUD Web Applications
  - Built applications using C# and ASP.NET MVC in Visual Studio:
    - Implemented ADO.NET with SQL parameterized stored procedures and Entity Framework to securely integrate real-time data retrieval and manipulation
    - Enabled Microsoft Entra ID login for proper role-based access control
    - Used JavaScript and Ajax to enhance the responsiveness and functionality of web pages
- Developed Automations
  - Created robust automations using Visual Basic, C#, PowerShell, Power Automate and n8n:
    - Managed multiple API endpoints (GET, POST, PUT) using RestSharp and Newtonsoft to streamline code and improve performance.
    - Ensured system robustness and continuous automation by implementing effective error handling.
- Maintenance and Design
  - Maintained all in house and outsourced internal automations and programs including SharePoint intranet
  - Designed and implemented new SQL databases in accordance with business rules

- Assisted maintenance on network infrastructure
  - Ran ethernet cabling through the facility
  - Installed new POE access points and security cameras
- Delivered Helpdesk support
  - Provided responsive technical support to all employees via tickets and MS Teams
  - Diagnosed and resolved technical issues and escalated complex problems to higher-level support.
  - Facilitated mass deployment of 100+ laptops, desktops, and cell phones throughout the company.
  - Developed a custom application to accelerate remote support service

## **PERSONAL PROJECTS**

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### **Pfann.tech - <https://Pfann.Tech>**

- Engineered and deployed a custom-built free-lance developer business website
  - Built contact form to send email alerts
    - Implemented reCAPTCHA v3 to prevent spam
  - Fully responsive to different screen sizes
  - Implemented custom domain (Squarespace) and deployed site to SmarterASP.NET hosting
  - Configured business email server using domain name
  - CSHTML, JavaScript, Bootstrap, ASP.NET, C#

### **PowerApps - [mkof03.github.io/Final-Project/pages/home/](https://mkof03.github.io/Final-Project/pages/home/)**

- Designed and deployed web application with many commonly used tools
  - Weather app with dynamic animated gif background
  - QR code generator
  - Password generator and strength checker with custom options
  - Stopwatch and timer with lap functionality
  - HTML, JavaScript, Bootstrap

### **Unifi Network**

- Configured and installed complete Unifi Network
  - Designed and implemented a network for Sigma Alpha Epsilon members at Wichita State
    - Integrated a new PoE switch with 12 access points, enabling smooth Wi-Fi roaming
  - Worked with their ISP to troubleshoot intermittent losses of connectivity

### **Pi-Hole DNS Server**

- Deployed a Raspberry Pi to run a network DNS server for ad blocking purposes
  - Blocked known advertisement URLs to reduce the number of ads displayed
  - Later converted to run on a Docker Container running Linux

### **Other Skills**

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*REST APIs, Postman, Bootstrap Studio, Microsoft IIS, Docker Compose, AI Agents, Ollama, Advanced Installer, MySQL, CSS,*