ANH KHUE BUI

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EDUCATION

DePauw University   *May 2026*

Bachelor's degree in Computer Science and Business Analytics | Cumulative GPA: 3.95/4.0
- *Relevant Coursework:* Artificial Intelligence, Mobile Development, Website Development and Cybersecurity, Machine Learning in Business Analytics, Object Oriented Programming, Computer System, SAP S/4HANA Training
- *Honors and Awards:* Dean's List, 1st Prize TigerHacks Spring 2024, Top 25th Harvard Global Case Competition

TECHNICAL SKILLS

- *Languages:* Python, Java, SQL, Stata, HTML, CSS, JavaScript, C++, C#
- *Libraries & Frameworks:* React.js, Vue.js, Bootstrap, ASP.NET, MSAL, Axios, Dapper ORM, pandas, scikit-learn
- *Tools:* Git/GitHub, Firebase, Google Analytics 4, MySQL, DevOps, Power Query, Salesforce Platform App Builder

EXPERIENCES

Full Stack Software Engineer Intern   **Cleveland, OH**

Parker Hannifin   *May 2025 - August 2025*
- Spearheaded the development of an internal web portal for SAP Work Instruction search using **Agile methodology**, replacing legacy Excel-based processes and enabling cross-departmental access to documentation.
- Built the full-stack application using **React.js**, **Bootstrap**, and **ASP.NET core 9**; implemented **Axios-based** frontend-backend communication and **Dapper ORM** for optimized SQL querying.
- Integrated the platform into Azure with **MSAL** for role-based authentication, deployed via **Azure DevOps**, and embedded in SharePoint, reducing document retrieval time by 80% for 500+ internal users.

Data Analyst Intern   **Indianapolis, IN**

BCforward   *August 2024 - December 2024*
- Directed the end-to-end transformation of over 700,000 financial records using **Power Query**, automating complex data pipelines that enhanced accuracy, reduced redundancy, and cut processing time by more than 50%
- Refactored **Python**-based logic to optimize recruitment analytics workflows, increasing data integrity by 40% and supporting strategic hiring decisions across multiple departments.
- Collaborated with cross-functional HR and reporting teams to redesign **Salesforce** dashboards, enabling real-time metrics tracking, interactive filtering, and better visibility for executive stakeholders.

Software Engineer Intern   **Cleveland, OH**

Parker Hannifin   *May 2024 - August 2024*
- Developed an automation script in **Python** and **urllibs** to automatically update more than 1,000 outdated redirects, eliminating manual intervention and saving more than 120 hours of manual work for other employees.
- Operationalized a new **AEM Translation** process, reducing webpage translation and deployment time from 6 weeks to 15 minutes, significantly accelerating content localization and global accessibility.
- Applied this process to update more than 150 "Contact Us" pages across multiple countries and divisions, ensuring consistency, accuracy, and efficiency in web content management for a global audience.

Computer Science Teaching Assistant   **Greencastle, IN**

DePauw University   *February 2023 - December 2023*
- Managed a team of 5 teaching assistants in organizing and facilitating weekly lab sessions, collectively guiding 60+ students through 20+ Java-based coding projects and exercises that developed core programming skills.
- Mentored a group of 5+ new teaching assistants, coordinated lesson delivery strategies across lab sections, and fostered a collaborative teaching environment that ensured consistency and student engagement.

PROJECTS

CognizenX - Dementia Support App for elderly people | [GitHub](#)   *September 2025 - Present*
- Co-developed, deployed and released a mobile app on the **iOS App Store** to support elderly users with dementia, featuring trivia generated by **OpenAI** and memory games involving pattern recognition and finger movement.
- Built with **React Native** and **MongoDB**, with a **Vercel-hosted backend** enabling data synchronization and scalability.

DeFind – 1st Prize TigerHacks Spring 2024 | [GitHub](#)   *April 2024*
- Coordinated a team of 3 developing a web application using **React.js**, optimizing user navigation and overall functionality to provide an accessible experience for all users, and earning 1st prize over 10 teams.
- Utilized **Google Maps API** to build an interactive map that allows users to view and access real-time updates on campus accessibility features, making it impactful for disabled individuals to navigate the campus.

M&A Strategy for IBM and Equinix - Top 25 Harvard Global Case Competition | [Solution](#)   *March 2024*
- Led a team of 5 developing a data-driven acquisition strategy for IBM, providing a well-supported recommendation based on in-depth industry analysis and financial evaluation, which earns the 25th position among 1,000+ teams.
- Conducted a comprehensive analysis over 3 weeks, evaluating the market and financial performance of 50+ competitors to Equinix by synthesizing data from **Bloomberg Terminal**.