Bach Pham

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Work Experience

2024   **Research Assistant**, *Earlham College*, Richmond, IN
Key Contributions:
- Collaborated with Dr. Yunting Yin on advanced AI research projects.
- Published research papers:
  - **Prosody Analysis of Audiobooks** (*arXiv:2310.06930*).
  - **Word Definitions from Large Language Models** (*arXiv:2311.06362*).

2024   **Library Assistant**, *Lilly Library, Earlham College*, Richmond, IN
- Guided students in locating specific books and resources.
- Managed check-in/check-out operations efficiently.

2023   **AI Research Assistant**, *IoT Laboratory, VNU-HCM Natural Science University*, Vietnam
- Contributed to the "Online and Offline AI Assistant" project.
- Developed and tested AI modules for natural language understanding.

Achievements

2023   **2nd Prize, Vietnam Science and Engineering Fair (ViSEF).**

2022   **1st Prize, Master Robot Builder-SAMK.**

Skills

- **Programming Languages:** Python, JavaScript, HTML / CSS, C++
- **Frameworks and Libraries:** PyTorch, TensorFlow, Transformers, Scikit-learn, OpenCV, MediaPipe, Pandas, NumPy, React, Node.js.
- **Version Control:** Git, GitHub.
- **Soft Skills:** Time management, teamwork, problem solving.

Education

2025–Present   **Bachelor of Arts in Computer Science**, *Earlham College*, Richmond, IN
GPA: 3.92 (First Semester).