

Nguyen Xuan Le

+1 (272) 788-0654 | nxl001@bucknell.edu | [linkedin.com/in/radley-le](https://www.linkedin.com/in/radley-le) | github.com/radleyle | radleyle.com

EDUCATION

Bucknell University

B.S. Computer Science | **current GPA: 3.76/4.0**

- **Honors:** Fall 2023 Dean's List, Spring 2024 Dean's List

Expected May 2027

Lewisburg, PA

Quoc Hoc - Hue High School for the Gifted

Major in English

Jun. 2023

Hue, Vietnam

SKILLS & ADDITIONAL INFORMATION

Technical: Python, JavaScript, TypeScript, C, R | Google Analytics, Firebase, Material-UI, Pinecone, Clerk, OpenAI

Frameworks/Developer Tools: Github, React JS, Jupyter Notebook

Coursework: Technical Interview Prep - Codepath, Web Development - Codepath, CS50x

Languages: English (fluent, 7.5 IELTS), Vietnamese (native speaker)

RELEVANT EXPERIENCE

Headstarter AI

Software Engineering Fellow

Jul. 2024 – Sep. 2024

Remote

- Built and deployed **4 AI projects in 5 weeks** using React JS, Next.js, Firebase, Clerk, and Vercel, following agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment.
- Built and deployed an interactive Inventory Management App **using Next.js, Material-UI for UI and Firebase for backend database**, improving inventory tracking efficiency and user satisfaction.
- Worked in a **team of 4** to develop an interactive customer support agent using Next.js, **integrated a custom RAG pipeline using OpenAI and Pinecone** that responds based on a company's knowledge base.
- Collaborated with a Fellow to build and deploy **a SaaS product that generates dynamic flashcards based on any topic** using the Llama 3.1 LLM via the Groq API, integrated a paywall and custom pricing plans using the Stripe API.
- **Participated in weekly sessions with engineers** from Google, Y Combinator, Stanford, Amazon and venture-backed startups, gaining insights into industry best practices and expanding professional network.

Quoc Hoc Science and Engineering Fair 2022-2023

Research Assistant

Sep. 2022 – Dec. 2022

Hue, Vietnam

- Managed the collection, organization, and refinement of research data, creating representative graphs and charts to **provide students with school materials in an online library**, enhancing resource accessibility.
- Conducted **nearly 20 trials**, including comprehensive statistical, quantitative, and qualitative analyses, contributing to **a 15% increase** in overall project accuracy and **a 20% improvement** in the productivity of students with provided materials.

ADDITIONAL EXPERIENCE

Teaching & Learning Center

Study Group Facilitator

Sep. 2024 – Present

Lewisburg, PA

- Leading **weekly study groups of 10 – 20 students** in Introduction to Computer Science and Calculus II, facilitating 90-minute sessions to enhance understanding of course material, resulting in improved student engagement.
- Guiding peer learning and problem-solving, contributing to **a significant improvement** in group members' overall grades.
- Promoting a culture of shared learning by **encouraging knowledge sharing and cross-functional collaboration** between students, leading to a more cohesive learning environment.
- **Coordinating with a co-facilitator** to align study sessions with course objectives, contributing to students' academic success.