

## **\*/NGOC LINH LE**

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### **EDUCATION**

**Mount Holyoke College**, South Hadley, MA

Expected graduation: May 2027

Major: Computer Science & Mathematics | GPA: **4.00/4.00**

Relevant Coursework: Object-oriented Programming, Data Structures and Algorithm, Software Design and Development, Calculus 2, Discrete Mathematics, Linear Algebra, Math Experimentation, Intermediate Statistics

### **EXPERIENCE**

**Application Development Intern (Software Engineer)**

June 2024 – August 2024

Digital Lab, Vietnam International Bank

Ho Chi Minh City, Vietnam

- Collaborated with fellow interns and engineers to develop an Intranet web application using MongoDB, Studio3T, Next.js, Node.js, Express.js, REST API, Zustand, Postman, ensuring seamless users' experience and promoting overall working productivity by 50%
- Conducted research on AI and Cloud Technologies on **Microsoft Azure**'s integration in banking system and financial service to improve efficiency, privacy, and data maintenance
- Developed a Chatbot using **Azure OpenAI API** and **MERN stack** that helped users train their own Chatbot to process business documents faster and more securely

**Teaching Assistant, Grader | Statistics**

Sep 2024 – Current

Mathematics and Statistics Department, Mount Holyoke College

South Hadley, MA

- Facilitated weekly evening help sessions, supporting 50 students with core statistical concepts, R-programming, Rstudio labs, providing assignment guidance, thus improving 40% of students' academic efficiency and 20% in test scores averagely
- Collaborated closely with course's instructor to design assignments for students, grading students' homework and lab work

### **LEADERSHIP**

**Marketing Officer, Tech Event Organizer**

Oct 2023 - Current

Girls Who Code College Loops @MHC

South Hadley, MA

- Spearhead the promotion of technology and innovation within Mount Holyoke College and Girls Who Code College Loops by organizing 5 workshops on Hackathon, Industry Insight, Tech Research, Tech QnA, in partnership with Research students and Tech industry experts, attracting an average of 60 students per session in 2023 - 2024
- Innovated Social Media strategies to boost organization's impact by 40% and bring technologies closer to college students using copywriting and graphic design skills

**President**

Sep 2023 - Current

MHC Vietnamese Student Association

South Hadley, MA

- Managed social media and organized annual Vietnamese cultural events such as Vietnam Night, Coffee Workshop, and Lunar New Year, thus enhancing community engagement and awareness of Vietnamese culture
- Successfully organized and performed in 2023 Vietnam Night, as measured by the attendance of > 200 students and faculties in Five College Consortium and 60% increase in Media promotion

### **PROJECTS**

**PennyWise | Full-stack Developer** | MongoDB, React.js, Next.js, Express.js, Zustand, Clerk, UI Libraries, Figma

A MERN stack for financial management: <https://github.com/linhle15-ll/finance-tracker-app-pennywise/tree/main>

- Developed and established a full-stack open-source financial app project using MERN stack, Zustand, and UI Libraries
- Created REST API endpoints using Express.js and MongoDB to handle data management and backend-frontend interactions
- Designed an algorithm in Budget planning that aligns with users' habit in financial updates and planning

**The STEAM Project | Co-founder, Project Manager** | Project Management, Leadership, Fundamental Programming

Educational Science-Technology-Engineering-Arts-Math project: <https://web.facebook.com/thesteamprojectvn>

- Established and led a project pioneering STEAM education in Ha Tinh, Vietnam focusing on science experiments, math and coding challenges, group presentations for 140 students interested in Science and Technology in 2022 and 2023
- Managed project operation with other department leaders and 40 members, successfully organized 2 Summer Camps
- Provided fundamental coding mentorship during the camps to student campers in 2022 and 2023

### **SKILLS**

**Languages and Frameworks:** Python, Java, JavaScript, R, HTML, (Tailwind) CSS, React.js, Next.js, Node.js, Express.js, Zustand

**Tools:** VSCode, Git, MongoDB, REST APIs, Postman, Microsoft Azure, Figma, Adobe Illustrator