MINH PHUC LE

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EDUCATION

University of Maryland Baltimore County (UMBC) – Baltimore, MD   **Graduated, Dec 2024**
- Bachelor of Science in **Computer Science,** minor in **Mathematics,** GPA: 3.46/4.0.

University of Maryland Baltimore County (UMBC) – Baltimore, MD   **Graduated, May 2022**
- Associate of Science in Computer Science Transfer Degree, GPA: 3.7/4.0

Relevant coursework: Multivariable Calculus, Computer Architecture, Linear Algebra, Statistics, Discrete Structures, Data Structures and Algorithms, GUI, Software Engineering I, Introduction to AI, Intro to Cybersecurity, Active Cyber Defense.

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, C, Python.
- **Front-End Development:** HTML/CSS, JavaScript, React, Bootstrap, Next.js, Tailwind CSS.
- **Back-End & Databases:** Firebase, Clerk.
- **Tools & Technologies:** Visual Studio, GitHub, Figma, Jira, Trello.
- **Languages Bilingual:** English and Vietnamese.

WORK EXPERIENCE

Software Engineer at Head Starter AI - Fellowship   **Jul 2024 – Sept 2024**
- Built and deployed over five AI applications and API projects using Next.js, Tailwind CSS, OpenAI/Gemini, and Stripe API
- Served as the Frontend Lead, designed the UI/UX in Figma, and implemented it with Next.js, Tailwind CSS, and Clerk for user authentication.
- Led a team of three engineering fellows to develop a patient management system for orthodontists and dental clinics, optimizing scheduling and record-keeping processes.
- Leverage GitHub Actions to implement Continuous Integration and Continuous Deployment (CI/CD) pipelines, streamlining the development and deployment processes.
- Successfully separate the front-end UI from the backend services, leading to increased modularity and maintainability of the application codebase.
- Demonstrate strong problem-solving skills in addressing technical challenges and debugging issues during the development and testing phases.
- Showcase effective communication skills through regular stand-ups, team meetings, and status updates, keeping all stakeholders informed about the project's progress.
- Coached by Amazon, Bloomberg, Google, and Capital One engineers on Agile, CI/CD, and microservices architecture.

Software Developer at Tech Cadets - Seasonal   **May 2024 – Aug 2024**
- Collaborated with a cross-functional team of four engineers to develop and deliver a comprehensive educational platform, focusing on enhancing user engagement and accessibility.
- Designed and prototyped intuitive user interfaces and layouts using Figma, ensuring an optimal user experience and interface (UI/UX) design.
- Developed and curated a robust library of high-quality learning materials, improving content accessibility and resource organization.
- Engineered personalized learning features, including goal setting, progress tracking, and resource recommendations, to enhance user engagement and educational outcomes.
- Implemented multilingual support, broadening platform accessibility and inclusivity for non-native speakers.
- Integrated gamification strategies, such as points, leaderboards, and interactive challenges, to drive user motivation and participation.
- Created and moderated a secure online community forum, fostering student interaction, collaboration, and peer support.
- Enabled offline access to learning materials, allowing users to download resources and continue learning without an internet connection.
- Applied responsive design principles, ensuring cross-device compatibility and mobile-first functionality for an enhanced user experience.
- Utilized Trello to manage project workflows, track tasks, and monitor progress, ensuring alignment with project timelines and successful delivery.

PROJECTS/COURSE EXPERIENCE

Supportlify – Project   **Aug 2024 – Dec 2024**
- Led frontend development of three engineers using React, Next.js, Tailwind CSS, and Clerk for user authentication in a collaborative IT helpdesk system.
- Designed the website layout and user interface using Figma to ensure a modern, intuitive, and responsive design.
- Designed and implemented a comprehensive ticket management system, incorporating full CRUD (Create, Read, Update, Delete) functionality to streamline support ticket processing and manage user roles.
- Developed a notification center to track ticket updates, status changes, and direct messages for seamless support interactions.
- Ensured role-based access control, enabling administrators to manage user accounts and promote contacts to admin roles.
- Implemented responsive design for seamless functionality across all devices.
- Utilized Jira to track tasks, sprints, and progress, maintaining clear communication and accountability within the team and ensuring smooth project delivery.
- Collaborated with cross-functional teams to gather requirements, improve features, and optimize the system's performance, demonstrating strong communication and teamwork skills throughout the project.

EXTRACURRICULAR ACTIVITIES

Member of the Badminton Club   **Aug 2024 – Dec 2024**
Member of the Information System Security Association at UMBC   **Feb 2023 – May 2023**
- Participated in discussions and workshops on information security and the latest technology.

Member of the Computer Science Club at AACC   **Feb 2021 – Jun 2022**
- Analyzed and collaborated with members to create a discord bot using Python.