Aunyapat Nitijarasrat

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Objective

Motivated computer engineering student with a strong foundation in software development and machine learning, seeking an internship to apply theoretical knowledge in a practical environment. Experienced in developing websites and machine learning. Eager to contribute to innovation, while gaining hands-on experience in machine learning and data science within a collaborative team setting.

Technical skills

Language : C, C++, Python, Java, HTML, CSS, JavaScript, TypeScript
Library/framework : ReactJs, NextJs, TailwindCSS, Pytorch
Database : MySQL, PostgreSQL, MongoDB, Firebase
Tools : Git, Docker, Figma, Power Bi

Experience

Internship   June 2024 - August 2024

Frontend-developer   Mycourseville Co., Ltd.
- Developed web pages for a comprehensive reporting system, incorporating intricate UI designs and UX functionalities.
- Constructed dynamic detailed input fields with CRUD functionalities, within MySQL. Built interactive and responsive web pages using PHP, AJAX, and jQuery and TailwindCSS.
- Assist other project, Developing dynamic websites using Next.js with TypeScript, and API integration.

UX/UI designer   Mycourseville Co., Ltd.
- Conducted thorough user research and stakeholder interviews to gather requirements and identify user needs.
- Created wireframes and prototypes using Figma to visualize design concepts and enhance user experience. Presented design iterations to team members, incorporating feedback to refine designs.
- Demonstrated strong communication and collaboration skills while working with cross-functional teams.

Education

Chulalongkorn university   July 2022 - Present (expect 2026)
Bachelor of Engineering, Computer Engineering
GPA: 3.76

Projects

Machine learning in healthcare with CNN
- Developed a machine learning model to classify chest X-rays as either normal or indicating pneumonia. Initially built a custom model, applied dataset filters, and later optimized the approach by integrating pre-trained models from established libraries.

Stock prediction and Forecasting with LSTM
- Developed a LSTM model to predict and forecast stock prices, leveraging time-series data from Yahoo Finance.

Game development (Java)
- Developed a complex game project using Java with an object-oriented programming (OOP) approach, incorporating principles such as inheritance and polymorphism.

Uno online
- Developed a responsive web-based Uno game with real-time multiplayer functionality.
- Utilized MongoDB for database management and deployed the system on AWS EC2