Contact

064-352-4463   saharakbank@gmail.com   Nakhon In Road, Talat Khwan Subdistrict, Mueang Nonthaburi District, Nonthaburi 11000

SAHARAK NUKHAO

A mathematics and computer science student with a strong interest in web and application development. Eager to learn new things and diligent. Able to develop customizable interfaces with a focus on accessibility and usability. Possesses a systematic workflow to manage multiple deadlines simultaneously and utilizes current technological knowledge to promote best practices in web design. Ready to participate in real-world application development and gain product development experience.

Projects

- **Develop Breakout game**

developed Breakout, a 2D arcade game where players control a bat located at the bottom of the screen to hit a ball and destroy bricks on top. Controls include bat movement, ball reflection angle, collision detection, and brick destruction. he game's logic is systematically built using C# to ensure smooth gameplay.

- **Designed and developed a cake store**

This project involved designing and developing a cake shop system, encompassing product display, order processing, and pricing. It included requirements analysis, UI/UX design, iterative validation, and end-to-end deployment. Usability and system logic were continuously evaluated throughout development. The project demonstrated a strong foundation in business system design and collaborative software development, utilizing HTML, CSS, React.js, the Redux Toolkit (state management), and MongoDB as the database.

- **Designed and developed a cake store**

Designed a hospital system for the Nuclear Medicine Department, collaborating directly with department physicians to gather and analyze user requirements prior to the UX/UI design phase. Focused on appointment queue management and paperless data workflows, including secure transfer and handling of digital documents and medical records. Initiated the system design process using Data Flow Diagrams (DFD), Use Case, Activity, and ER Diagrams to translate clinical needs into a structured software blueprint. Developed a physician–centered interface emphasizing usability and efficiency

- **Designed and developed a computer equipment store system.**

Designed and developed a database program for a LEGO store using structured development principles. A requirements analysis was conducted to define the inventory structure, product catalog, and sales process. The main database program was then written, including product management, stock tracking, data processing, and retrieval, to ensure efficient store operations. Data accuracy and usability were verified, and continuous testing and monitoring were performed.

Education

KING MONGKUT'S UNIVERSITY OF TECHNOLOGY NORTH BANGKOK

Bachelor of Science Program in Mathematics with Computer Science

GPA: 2.60   2023-present

Skills

Front-end
HMTL , CSS , JavaScript , React.js ,Vite

Back-end
JavaScript , C# ,MongoDB ,MySQL

Framework
Tailwind CSS , NestJS

Tools
Vs code ,Figma

Languages
Thai: Native, English: Intermediate — strong reading ability, basic communication

Certificate

Innovative User Experience (UX) User Interface (UI) Design for Digital Technology in a Digital Transformation World

- Training course by the Association for Computing Machinery (ACM)