

Saraluk Kaiwansakul

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EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems New York, NY
Master of Science (MS) in Computer Science | **Concentration:** Mobile Computing December 2020

King Mongkut's Institute of Technology Ladkrabang Bangkok, Thailand
Bachelor of Engineering in Industrial Engineering May 2015

RELEVANT COURSEWORK

Mobile Application Development | Mobile Web Content and Development | Algorithms and Computing Theory |
Concepts and Structures in Internet Computing | Database Management Systems | Game Programming | Pattern Recognition

SKILLS

Programming Languages: HTML, CSS (SCSS, Sass), JavaScript, Node.js, XML, SQL, C#, Java
Operating Systems: Mac OS, Windows
Softwares: MySQL, Matlab, Unity, Adobe Illustrator, Adobe Photoshop, Adobe XD, Microsoft Office, Pro/Engineering, AutoCAD, Solidworks, Navisworks Simulation
Technologies: React Native, ReactJS, Angular, Ionic, Bootstrap, Express, MongoDB, Firebase, Docker
Languages: English, Thai (fluent)

ACADEMIC PROJECTS

Hungry Alarm | Lead Business Analysis and Developer December 2020

- Accumulated feature ideas of a web application for users to explore local restaurants' deals/events and planned the application's core features to be implemented.
- Produced essential documents such as Use-case diagram, Activity Diagram, RTC, Functional Requirement and Data-flow diagram to capture information about the developed application to be used throughout the project lifecycle.
- Coordinated with lead developer to implement frontend of application using ReactJS.

ResiHub | Designer and Developer March 2020

- Collaborated with teammates to develop a native mobile application using React Native Framework and JavaScript. The application serves as a rental building information hub.
- Designed a user interface with Adobe Illustrator and instructed teammates on UI requirements for them to implement accordingly.

FavDish | Designer and Developer November 2019

- Designed a user interface for a simple mobile application for storing user's favorite dishes.
- Developed the application using Ionic and Angular framework.

EXPERIENCE

Leviathan Corporation DBA OTRUSA.COM Brooklyn, NY
Software Developer Intern July 2019 - December 2019

- Collaborated with team members and stakeholders to gather functional requirements for ERP system development.
- Developed Odoo ERP system using Python, XML and QWeb to add more functionalities and customize user interface based on functional requirements in order to satisfy business needs.
- Transferred data from the former database system using ETL (Extract, Transform, Load) software and formatted data to be compatible with current database schema.

Toyota Daihatsu Engineering & Manufacturing Co., Ltd. Samutprakarn, Thailand
Production Planning Engineer June 2015 - October 2016

- Constructed 2D operation drawings from 3D model of engine parts and toolings for machining operations.
- Enhanced machine installation capacity by creating 3D models to be integrated with laser scanning technologies to identify the most efficient methods to modify existing machines.
- Created a 4D layout visualization tool that combines 3D models and project schedules to streamline communication and decision-making processes between participating teams for managing production lines installation priorities.
- Designed assembly jigs and fixtures using CAD software in order to make them compatible across various generations of models.