




KOLAK

KEERATIPATTARAKUL iOS Developers

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.Experience

- ▶ Projects for realtime energy monitoring with forecasting and show energy usage on mobile application
 - ▶ Designed a mobile application by wire-framing and using the sketch
 - ▶ User Insight survey at a major store
 - ▶ Developed iOS mobile applications using Swift 4
 - ▶ Implementing mobile application with Firebase for data logging
 - ▶ Back-end predicting model on a cloud to show forecasting energy usage monthly
 - ▶ Real-time energy usage from sensor and show on a mobile application.
 - ▶ Developed user account management with the reset password

.Education

- ▶ B.Eng.(International Program), [Computer Engineer](#), King Mongkut's University of Technology Thonburi
JULY' 14 — JUNE' 18

.Other Experience

- ▶ G-ABLE CO., LTD, Bangkok, Thailand, Data Scientist (Internship), [JUNE' 17 -JULY' 17]. Preprocessing data, analyzing data, and visualizing data of real estate including houses and condominium based in Bangkok. To give a score to each property and estimate unit cost. Based on gov. utilities, convenience stores or supermarkets, freeway, and more. All algorithm was written using Python with Jupyter Notebook.
- ▶ Joined FIRST Robotics Competition back in 2012, A member of the robotics club at Oak Grove High School, Hattiesburg, MS. My responsibility is programming on LabView and designing robots and learn using AutoCAD. Also, involve in an underwater robotics competition sponsored by SeaPerch Org.

.Core Skills

- ▶ iOS Mobile Application Programming
- ▶ Sketching User Interaction Design & Constrain
- ▶ JSON Objects to push and store on Realtime database & MQTT Protocol & RESTful Protocol
- ▶ Manage Cocopods & workspace
- ▶ Implement database Postgres (SQL) and MongoDB(NoSQL)
- ▶ Firebase and GCP Functions (Backend)

.Programming

- ▶ Swift 4 & 5 using Xcode and open-source libraries
- ▶ Javascript
- ▶ NodeJs with express and react
- ▶ HTML, CSS, SCSS
- ▶ SQL Query

.Tools

- ▶ Sketch
- ▶ Xcode
- ▶ Firebase
- ▶ Github + GitHub Desktop

.Addition Skills

- ▶ Database Design with schema
- ▶ Debugging/Troubleshooting
- ▶ Back-end with Express and JWT