

# Krai Chamnivikaipong

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## Career Objective

To be able to create, improve, or develop a system that helps facilitating the human needs in several aspects such as manufacturing, medical, business, or daily life problems. To be able to work in many places all over the world, face and solve a new problems, and gain more experiences. After obtaining enough experience, I plan to pursue my doctoral degree in the field that I like the most. I want to be a professor, to share my own experience and improve the quality of the kids in the next generations.

## Education

### **BACHELOR OF ENGINEERING (SOFTWARE ENGINEERING) | 2019 | KMITL**

- Major: Software Enterprise
- Related coursework: Algorithm Design & Analysis / Data Structure & Algorithms / Artificial Intelligence / Data Mining / Computer Vision / Database Systems / Probability & Statistics / Object-Oriented Programming / Software Engineering Principal / Software Engineering Design / Object-Oriented Analysis & Design /

### **COLLEGE PREPERATORY DIPLOMA | 2015 | EKAMAI INTERNATIONAL SCHOOL**

- Major: Emphasis in Engineering
- Related coursework: Pre-Calculus (honor) / Calculus / Statistics / General Business

## Technical Skills

### **PROGRAMMING LANGUAGE**

- Python , JAVA , C , C++ , Prolog , R

### **WEB DEVELOPMENT**

- Languages: HTML , CSS , JavaScript
- Front-end framework: ReactJS , VueJS
- Web Framework: Django
- Databases: PostgreSQL , MySQL

### **APPLICATIONS**

- Office: Microsoft Office
- UX/UI Design: Adobe Experience , Balsamiq Mockups 3 , QtDesigner
- Programming: Idle , PyCharm , Netbeans , SWI Prolog , Visual Studio Code
- Database: MySQL workbench , PgAdmin4
- Data Preprocessing: RStudio

### **OPERATING SYSTEMS**

- Windows

## Experience

### TEACHER ASSISTANCE | KMITL | AUG 2018 – NOV 2018

- In charge of explaining, monitoring, helping, and checking the c programming lab for the freshmen.
- In fact, for me, it is an unofficial (voluntary) teacher assistance due to the amount of maximum teacher assistance each subject can have.
- However, I want to help building a strong foundation in programming for the freshmen to make sure that they will be able to apply the knowledge in their nearby future.

### EXCHANGE SEMESTER | GERMANY | MAR 2018 – JUL 2018

- Got accepted as an exchange student in Germany at Frankfurt University of Applied Science
- Receiving a scholarship for 50,000 baht from the Office of International Affairs (OIA) KMITL
- Taking these following courses: Intensive German Course (A1.1), Software Engineering Design, Real-time System, IT-Security, and Distributed System
- Doing the Software project with a team of German colleagues
  - **Meet & Sweat**  
It is a small scale social media website that allows its user to find a players or a sport enthusiasts for team sports or other sports activities. User can either create his/her own sport activity groups and invite his/her friends or join the activities of other groups as well. It is developed using ReactJS as a front-end framework, NodeJS for server-side, and PostgreSQL as a database.

### INTERNSHIP | CRYSTAL SOFT PUBLIC CO.,LTD | JUN 2017 – JUL 2017

- In charge of developing an android applications and research-based projects
  - Developing a new features for company's ERP android application including:
    - Tracking the location of the user
    - Automatically added the location of the shop as its picture has been taken by the user
    - Finding and sorting all the shop that is closed to the user, then presenting it on the application
  - Researching on applying Firebase with an android application
  - Researching on Extensible Messaging and Presence Protocol (XMPP) server
  - Creating a prototype for android chat application that communicate using XMPP server
  - Researching on chat bot idea which is not using the concept machine learning and deep learning
  - Applying chat bot features on the prototype for android chat application

### SESSIONAL COURSE LECTURER | KMITL | JUN 2016 – JUL 2016

- A sessional course is a voluntary camp for 2<sup>nd</sup> year college students to help new coming freshmen to adjust to their course and college life
- In charge of giving a mathematics lecture, the topics are based on basic linear algebra and basic calculus for first semester course
- Assisting other sessional laboratory classes e.g. c programming lab or python lab