

# Detchat Boonpragob

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Email : [oudy1st@gmail.com](mailto:oudy1st@gmail.com)

Software Specialist, iOS  
at True Digital Group

Portfolio : [oudy1st.github.io](https://oudy1st.github.io)  
Linkedin : <https://www.linkedin.com/in/detchat-boonpragob/>

## PROFESIONAL PROFILE

Experienced iOS Developer with a demonstrated history of working in the program development industry. Skilled in iOS Applications (XCTest · Combine · UIKit · Swift · ObjC), Software Engineering (System and UX Design) and Data Science (Python). Strong engineering professional with a Master's degree focused in Data science from Queen Mary University of London.

## QUALIFICATION

- 3 years in developing applications using .NET Technologies.
- 9 years in developing iOS applications using Objective-C, Swift, since 2013.
- 2 years in developing machine learning model and data pipeline using python.
- Good analytical skill which I've learnt from many project's development life cycle.
- Self-motivate and Self-learner.

## EDUCATION

MSc. Big Data Science, Queen Mary University of London, United Kingdom 2018-2019	Pass
Master of Management Entrepreneurship and Innovation, Mahidol University, Thailand, 2014 - 2016	GPA 3.61
Scholarship Student of IT Smart Gen-X, National Science and Technology Development Agency (NSTDA) (1 May 2009 - 30 April 2010)	Graduated
B.Sc. Computer Science, Bansomdejchaopraya Rhajabhat University, Thailand, GPA 3.4 2005-2012	GPA 3.4

## WORK EXPERIENCE

**Present**  
**April 2022**

**Software Specialist, iOS at True Digital Group co., Ltd.**

TrueID : iOS Specialist, Member of subscription team

- Maintain and develop an application using Swift language with MVVM and Clean architecture.
- Develop an In-App Purchase Transaction manager using SwiftUI, Combine, Firestore and Moya frameworks.
  - Manage and validate apple's transactions.
  - Pre and Post processing with Back-end server.
- Developed Validating users' Entitlements use-cases using Combine and Moya frameworks.
  - Request and Cache user's entitlements.
  - Observe user authentication activities to manage the entitlements.
- Review iOS team's pull request which need to pass 80 code coverage, with unit-test, and no code smells in their code.
- Refactor RxSwift to Combine.
- Improve application code coverage by adding missing unit tests to subscription use cases.

<b>March 2022 Sep 2019</b>	<b>Senior iOS Developer &amp; Data Scientist at Digital Government Development Agency</b>
Citizen Portal : Senior iOS Developer & Data Scientist (Agile Team) <ul style="list-style-type: none"> <li>- Develop eKYC Processes using Swift language with UIKit, Google's ML and 3rd Party APIs.               <ul style="list-style-type: none"> <li>- Liveness Detection using Google's ML and Seen AI APIs.</li> <li>- OCR Detection using Google's ML and Seen AI APIs.</li> <li>- Verification UI flow using Storyboard, UIKit and Lottie Framework, Lottie is animation framework from AirBnb.</li> </ul> </li> <li>- Design data collection for analytic for executives.               <ul style="list-style-type: none"> <li>- Design data collection for analytic in Mongo DB</li> <li>- Design and develop data cleaning algorithm using Python</li> </ul> </li> </ul>	
<b>Sep 2019 April 2015</b>	<b>Senior Software Engineer at Digital Government Development Agency</b>
Saraban Archive iOS Application : Team Lead <ul style="list-style-type: none"> <li>- Develop application using MVVM architecture, Model, ViewController, ViewModel               <ul style="list-style-type: none"> <li>- Develop UI with UIKit</li> <li>- Handle API Request with Custom DataTask extension with Swift Closure.</li> </ul> </li> </ul> Rama Hospital Appointment Application : Team Lead <ul style="list-style-type: none"> <li>- Develop application using MVVM architecture, Model, ViewController, ViewModel               <ul style="list-style-type: none"> <li>- Develop UI with UIKit</li> <li>- Manage Ui flow with Storyboard</li> </ul> </li> </ul> King's Day iOS Application : Project Manager & Developer <ul style="list-style-type: none"> <li>- Develop application using MVVM architecture, Model, ViewController, ViewModel               <ul style="list-style-type: none"> <li>- Develop UI with UIKit</li> <li>- Export user's custom Quote to Image by custom UIView.</li> <li>- Develop custom sharing feature to share user's result to social medias.</li> </ul> </li> </ul>	
<b>Aug 2013 June 2013</b>	<b>Senior iOS Developer at MFEC CO., LTD (3 months contract)</b>
K-Mobile Banking PLUS : iOS Team Lead <ul style="list-style-type: none"> <li>- Design and develop application using Obj-C language</li> <li>- Cooperate with business team to design UX of the application</li> </ul>	
<b>May 2013 May 2010</b>	<b>Junior Software Engineer at Electronic Government Development Agency</b>
Suprime Court Application (Window Application) : C# Developer <ul style="list-style-type: none"> <li>- Custom Microsoft Word extension to limit user behavior and migrate working documents automatically.</li> </ul>	
<b>PROJECTS</b>	
<b>LawLover</b>	<b>My side project, I create the application that help my Thai Lawyer friends to search Thai Law Code easier.</b> <b>(<a href="https://apps.apple.com/us/app/law-lover/id1499336777">https://apps.apple.com/us/app/law-lover/id1499336777</a>)</b>
<ul style="list-style-type: none"> <li>- Data cleansing from open Thai Law Documents, pdf format, using Python.</li> <li>- Develop an application using Swift Language with UIKit, Storyboard, and SQLite.</li> <li>- Develop a Text Highlighting feature with custom MutableString with index calculation.</li> <li>- Develop Sharing feature using Apple's built-in share framework.</li> </ul>	

<b>Singha Surveys</b>	<p><b>Outsource Project, I and my friends form the team to working for Boonrawd Brewery in their system, we did all front-end and back-end, for their sale forces. In this project, I'm a Project manager and iOS Developer.</b></p> <p><b>(<a href="https://apps.apple.com/us/app/singha-surveys/id1454743594">https://apps.apple.com/us/app/singha-surveys/id1454743594</a>)</b></p>
	<ul style="list-style-type: none"> <li>- Develop an application using Swift Language with UIKit, Storyboard and Custom DataTask manager.</li> <li>- Develop tracking feature using background process and Apple's built-in location manager.</li> <li>- Develop survey UI with custom UIKit which support all input type for survey</li> <li>- Develop a custom calendar with Custom UICollectionController.</li> </ul>
<b>Covid-Lab</b>	<p><b>Volunteer, we create a website for all COVID-19 Testing Laboratories in Thailand.</b></p> <p><b>(<a href="https://covid-lab.co/search">https://covid-lab.co/search</a>)</b></p>
	<ul style="list-style-type: none"> <li>- Data cleansing from open-data and clown-sourcing from media using python and google sheet</li> <li>- Design Data structure.</li> </ul>
<b>Thai-Election-66 open data</b>	<p><b>Volunteer, we collect and open data in machine readable format.</b></p> <p><b>(<a href="https://pollstation.pages.dev/landing">https://pollstation.pages.dev/landing</a>)</b></p>
	<ul style="list-style-type: none"> <li>- Data cleansing from open-data using python and google sheet</li> </ul>