

# Tonghann Teng

## Android Developer

Austin, TX - Email me on Indeed: [indeed.com/r/Tonghann-Teng/b140f9a836bce4cb](https://www.indeed.com/r/Tonghann-Teng/b140f9a836bce4cb)

Proactive and dynamic IT professional in Android Development with 4 years of experience producing widely used mobile apps that connect businesses with new customers. Demonstrated expertise across complete software development lifecycle (SDLC). Exceptional analytic, technical and problem-solving skills. Proven ability to work independently and collaborate effectively in teams. Track record of delivering world-class user experiences. Established success in deploying Android applications to Google Play Store and achieving strong ratings. Award-winning performances in academic and professional settings.

### Feature Application in Play Store

All Deal: All Deal let user discover great promotions in Cambodia such as favorite coffee shop, restaurant, spa and massage, and other fun activities. Get the coupons with just a few click.

Play Store: <https://play.google.com/store/apps/details?id=com.abitech.AllDeal&hl=en>

Chatime Cambodia: The easiest way to find a Chatime outlet, collect points, promotion, outlet locators and get in touch with social media channel Facebook, Instagram and YouTube to explore daily activities from Chatime.

Play Store: <https://play.google.com/store/apps/details?id=com.khsoftengineer.chatime&hl=en>

### Technical Skills:

Language: Java, C++

Third Party Library: RxJava, Retrofit, OkHttp, Gson, ButterKnife, Picasso, Volley, Glide

Design Patterns: Singleton, Adapter, Factory Method, Iterator, Dependency Injection, Builder, Strategy, Façade, Template, MVP

Algorithms / Data Structures: Big O, Sort, Search, Linked List, Stack, Queue

Android Technologies: GCM, Android Firebase, Push Notifications, Google AdMob

Web Technologies: RESTful Web Services, HTML, CSS, JavaScript

Application Servers: Glassfish, Tomcat

Databases: MySQL, SQLite, Realm, MongoDB

IDE / Utilities: Android Studio, Eclipse, ADT, IntelliJ IDEA, Xcode, MS Visual Studio, Sublime

Operation Systems: Windows Server, Linux, MacOS

Application Servers: Glassfish, Tomcat

Source Control Tools: Git, SourceTree

Methodologies: Agile-Scrum

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## WORK EXPERIENCE

### Android Developer

ABI-TECHNOLOGIES - Phnom Penh - January 2015 to January 2016

Information technology and consulting company with expert team of iOS and Android SDK developers

Role: Android Developer Responsibilities:

- Refactoring application (implemented Dagger 2, Rx, Database, MVP).
- Managed database persistence, caching and memory management functionality.
- Developed the user interface (Gallery, Gridview, Listview, Tabwidget, and Webview), category searching.
- Working on user authentication and authorization management for whole application lifecycle.

- Developed update patches, modules and components to mitigate security risks.
- Wrote technical specifications and maintained all reports pertaining to application development process.
- Worked in debugging the application using Logcat.
- Wrote unit tests and debugged critical problem application issues such as crashed, memory leak, concurrency problems, and improve the performance of application.
- Tested the application on multiple Android devices and fixed the issues.

Key Achievements:

- Embedded Google Maps API, GPS Location into app with zooming controls.
- Implemented Realm database and SharedPreferences in application data management.
- Integrated location based services using Google Maps API to display locations of the nearest stores.
- Implemented OkHttp to increase the app performance during consuming the RESTful web service.

Major Project:

- Produced Cambodian news aggregation app called “Mekong” for both Android and iOS. Deployed to Google Play

Store: <https://play.google.com/store/apps/details?id=com.abitech.mekongjournal>

- Engineered “All Deal” app enabling businesses in Phnom Penh to boost in-store traffic by offering exclusive, easy-to-

use mobile discount coupons. Deployed to Google Play Store and generated 5-star rating:

<https://play.google.com/store/apps/details?id=com.abitech.AllDeal>

Technical Environment: Java, Retrofit, Realm, Google Maps, Facebook SDK, Android Studio, GitHub, Design Patterns: Singleton, Template Method, Factory, Adapter, MVP

## **Android**

ISSARAH - Bangkok, TH - April 2014 to January 2015

International business marketing and design company with strong presence in digital sphere

April 2014 – January 2015

Role: Android Developer Responsibilities:

- Conceptualized, designed, developed and deployed mobile applications.
- Mastered technical complexities of mobile application development lifecycle.
- Used RESTful Web Services with JSON to parse the data.
- Fixed bugs and improved application performance.
- Collaborated with fellow team members on integration and unit testing of the application.
- Used Agile (SCRUM) methodology for Software Development.
- Published the application to Play Store and published updates after every sprint release.

Key Achievements:

- Contributed to development and maintenance of one of the most popular mobile apps in Thailand.
- Implemented Facebook/ Google SDK to sign in to the app.
- Integrated Push Notifications with (GCM) Google Cloud Messaging.

Major Project:

- Enhanced visibility and ratings of “CLIPCARD” app by targeting Thai users in Google Play Store deployment: <https://play.google.com/store/apps/details?id=com.clipcard.android&hl=th>

Technical Environment: Java, Google Maps, Volley, JSON, Gson, FileZilla, MS Visual Studio, Git (Bitbucket / Source Tree, Design Patterns: Singleton, Factory, Template Method, Façade

## **Android Developer**

AROY INNOVATION - Phnom Penh - May 2012 to April 2014

US company specialized in mobile app development with 3 branch offices in USA, Cambodia and Hong Kong

Role: Android Developer Responsibilities:

- Developed and maintained mobile applications for Android devices.
- Worked with marketing and key executives to develop two cutting edge applications, which mobilized routine banking functions and enticed new customers, without jeopardizing data privacy or security.
- Established a formal review process to assess the viability, development and ROI of each project and presented those that offered the best return to the CIO. Employed proven methodologies and testing techniques.
- Developed update patches, modules and components to mitigate security risks.
- Researched application acceptance and solicited feedback from users to boost adoption rates.
- Implement new feature and maintenance the application to make it compatible with variety of Android OS.
- Communicated effectively with stakeholders to manage expectations.

Key Achievements:

- Gained commendations from the project manager for developing and testing fully functional features.
- Delivered a fully functional Android application platform.
- Optimized query run time for reporting by using MySQL to write store procedure.

Technical Environment: Java, Android SDK, REST Web service, SQLite, HTML, Bootstrap, GitHub

## EDUCATION

### **Master's in Computer Science**

Maharishi University of Management - Fairfield, IA

January 2016 to December 2018

### **Bachelor's in Computer Science**

Maharakham University - Maharakham

2011 to 2013

## SKILLS

Android (4 years), Algorithms (3 years), Java (3 years), C++ (1 year), SQLite (1 year), Glassfish (1 year), JSON (2 years), RESTful Web Services, (2 years), Agile-Scrum (2 years), Design Patterns (1 year), Data Structures (3 years), Third Party Library (3 years), Volley (2 years), Realm (1 year), Google Maps (2 years), Glide (1 year), Picasso (1 year), ButterKnife (1 year), Retrofit (1 year), OkHttp (1 year)

## LINKS

<https://github.com/tonghannteng>

<https://www.linkedin.com/in/tonghannteng>

## AWARDS

**Full Scholarship to Attend Maharakham University, Royal Patronage of HRH Princess Sirindorn**

**Special Prize for Fastest Solution, ACM-ICPC Thailand Northeastern Programming Contest**

2013

**1st Place Team, ACM-ICPC Thailand Programming Contest, Mahasarakham University,  
2013**

2013

**Member of Google Code Jam Thailand**

2012

**Member of Asia-Pacific Mathematics Olympiad**

2009

**Cambodian Student Mathematics Representative, 6th Nanfang Cup International  
Mathematics Competition**

2009

#### CERTIFICATIONS/LICENSES

**Software Development Fundamentals (Microsoft Certificate)**

**Database Administration Fundamentals (Microsoft Certificate)**

**Object Oriented Programming in Java (Coursera Online Course)**

**Algorithmic Toolbox (Coursera Online Course)**