

## QUALIFICATIONS

- Nearly two years fulltime experience on Android development, C# and REST API.
- Master graduate from Penn State, with academic background in Machine Learning and Image Processing.

## EXPERIENCE

### Software Engineer – Android

Lyve Minds. (Acquired by Seagate Technology), Cupertino, CA 04/2015 - Present

- Contributed in developing the Cloud-based Android photo app, helping users to collect, organize, browse and share photos, with 100 thousands downloading, 4.4 stars overall rating.
- Built UI features like: photo color searching, map-based browsing, collage view with cross-fading image switcher, tagging, RecyclerView fast scroller, image-cropping based on face/object detection, etc.
- Used Retrofit as HTTP client, Realm as local database, Fresco for image management, and RxJava for composing asynchronous and event-based programs.
- Tested the server-side APIs, communicating with server team on the API design and performance.
- Mentored the summer student intern, allocating tasks and syncing up.

### Software Engineer

TANJARINE INC. Mountain View, CA (<http://www.tanjarine.com>) 12/2014 – 04/2015

- Implemented IIS .Net web service that is used to expose POS functionality to Tanjarine system using RESTful API and JSON data
- Built a Java abstract layer component in venue PC to communicate with POS middleware
- Implemented credit card encryption mechanism to encrypt/decrypt credit card information
- Worked with third-party integrators and offshore engineering teams to integrate our devices with POS system
- Set up testing environment on virtual machine and wrote instructions for QA team

### Software Developer Intern

HAIKE NETWORKS, INC. San Jose, CA (<http://www.haike100.com>) 07/2014 – 10/2014

- Worked on the back-end of an O2O (Online To Offline) educational service platform

### Research Assistant

ROBUST MACHINE INTELLIGENCE AND CONTROL LAB, University Park, PA 2013 – 2014

- Created a maximum-entropy probability-learning model on disease risk and survival chance
- Redesigned the algorithm to extend the idea from categorical classes to ordinal classes
- Solved censoring issue by proposing a novel log-likelihood formula

## SKILLS

**Languages:** Java, C#, Ruby, Python, SQL

**Tools:** Android Studio, Visual Studio, Git, JIRA, VMware

**Others:** Android, JSON, .Net, REST, Agile, Machine Learning, Linux

## EDUCATION

**Master of Science** in Electrical Engineering, Pennsylvania State University University Park, PA, 2014

Thesis work was focused on machine learning algorithms in solving gene detection problem.

**Bachelor** in Electrical and Information Engineering, Wuhan Institute of Technology Wuhan, China, 2012

## ACTIVITIES AND HONORS

CodePSU collegiate programming contest, 1st Place Winner, held by Penn State ACM Spring 2014