

# Alex Dehe Ng

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<http://aelx311.github.io>

## EDUCATION

### College Tunku Abdul Rahman, Penang, Malaysia

Diploma in Science (Information Systems Engineering)

Jan 2008 – Dec 2010

### The University of Texas at Austin, Austin TX

Bachelor of Science in Computer Science

Jan 2011 – Dec 2013

## EXPERIENCE

### Software Developer

[github.com/aelx311](https://github.com/aelx311)

May 2014 – Present

Smith & Associates (Houston, TX)

- Develop and maintain in-house software applications such as Customer Relationship Management(CRM).
- Involve in designing and implementing RESTful APIs for in-house software applications using JBoss and NodeJS.
- Build CRM mobile application using Ionic Framework.
- Assist in migrating technology stack from JSF to RESTEasy and AngularJS.

### Android Developer

Mar 2014 – Dec 2014

Necto-Net (Austin, TX)

- Develop Android version of NSquare, a mobile application that utilizes QR Code to create, store and share contact information.
- Use ZXing library to scan QR Code.

## PROJECTS

### Lending Club Manager

[github.com/aelx311/lending\\_club\\_manager](https://github.com/aelx311/lending_club_manager)

- Consume RESTful APIs provided by Lending Club to retrieve account information.
- Store information in the device using Content Provider.
- Use Retrofit HTTP client to send and receive requests from server.

### Austin Recycling

[github.com/aelx311/austin\\_recycling](https://github.com/aelx311/austin_recycling)

An Android application that searches for the nearest recycling facility.

- Send queries to the database provided by City of Austin for a list of facilities.
- Use GPS of device to get current location and convert latitude and longitude to physical address using Google Geocoding API.
- Utilize Google Place Autocomplete service to minimize error in input address.

## SKILLS

Programming Languages:

Proficient in Java, Android development and Ionic Framework.  
Experienced in C++ and iOS development.

Web Development:

Proficient in HTML5, CSS3, and AngularJS  
Experienced in JavaScript

Version Control:

Experienced in GitHub and SVN

## COMMUNITY INVOLVEMENT/LEADERSHIP

President, Malaysian Student Association at The University of Texas at Austin

- Led members to participate in a focus group to discuss Malay language syntax and culture with User Operations Team at Facebook's Austin office
- Collaborated with Malaysian Investment Development Authority (MIDA) in organizing seminar on "Malaysia – US Business Opportunities" that attracted representatives from 50 companies.