



# Tai Tien Le

Software engineer  
Write effective, testable and reusable code

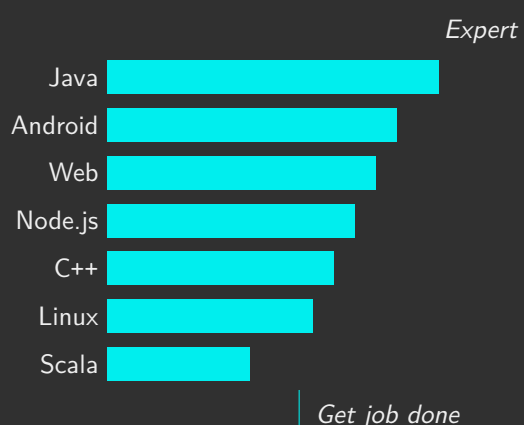
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## Experience

Robert Bosch Engineering and Business Solutions Vietnam Co., Ltd.  
07/2014 - Present

- **SureLock App** 12/2016 - present
  - Developed Android app to flash and upgrade chips firmware.
  - Android NFC card emulation, RxJava, Dagger 2.
- **Master Energy Control System (MEC)** 11/2016 - present
  - MEC is a web interface to monitor and control boilers system.
  - Migrated legacy code based on Flexgrid into Bootstrap-table.
  - Reduced code size by 25% (50% after minification)
  - JQuery, Gulp, HTML, CSS3.
- **JUP2 Automation Testing** 04/2016 - 07/2016
  - On-site in India
  - Built an IDE-like tool to develop, execute scripts, generate reports in HTML, Excel or Markdown format.
  - Used ScalaCheck for unit testing core library.
  - Xtext, Xtend, Java, Scala.
- **Internal Server Administration** 02/2016 - present
  - Set up and maintained an Ubuntu server that runs Jira, Jenkins, SVN, Gerrit Code Review and Tomcat.
  - Integrated Jira, Gerrit and Jenkins to support Continuous Integration.
- **LeanCom Simulator** 10/2015 - 01/2016
  - Created a simulator to support testing LeanCom (COM port penetration tool using Lean protocol) without hardware.
  - Java, Rxtx, Eclipse Rich Client Platform.
- **Smart Presenter** 06/2015 - 10/2015
  - Smart Presenter is a cross platform mobile app to control presentation.
  - Maintained and developed new features for the Android client and the server run on Desktop.
  - Android, C++, Java.
- **Driving Style Evaluation (DSE)** 01/2015 - 07/2015
  - Built an Android app that tracks vehicle statistic (energy, speed, etc), analyses and provides suggestions for more effective and safer driving.
  - Converted Matlab algorithm library into a C++ library that's shared by both Android and iOS apps.
  - Android NDK, C++
- **Smart Ads** 07/2014 - 11/2014
  - Built an Android app uses Image Processing to detect Bosch product and provides relevant information from Internet.
  - Android NDK, C++, OpenCV

## Skills



## Achievements

- Robert Bosch - RBVH** 12/2015  
Best Performer, Year End Review.
- Robert Bosch - RBVH** 06/2015  
Bosch Award for excellent project contribution
- HCM University of Science** 2012, 2013  
Bronze medal, Competitive Programming Contest
- Tran Hung Dao High School** 2010, 2011  
Bronze medal, Vietnam National Mathematical Olympiad

## Education

**HCM University of Science** 09/2011 - 11/2015  
Bachelor of Computer Science, Honor Program

## Public speaking

- Robert Bosch - RBVH** 10/2015  
Knowledge Sharing - Java 8 Lambda, Stream API and Functional Programming
- Tran Hung Dao High School** 02/2015  
Why you shouldn't go IT

## Interests

Hacking | Mathematics | Philosophy | Cooking