

Bo-Heng Lu 盧柏亨

- Profile

- <https://github.com/eric999j>
- E-mail: eric999j@gmail.com

- Experiences

- Senior Software Engineer HTC Mar 2016–Present

- Android Apps 2016–2019

- TellHTC: An app for HTC error report and BI data collect mechanism, responsible for code development and maintenance.
 - SmithLite: An app for SSD team internal use, responsible for code development, interface design and usage flow design.
 - UIBC: An app for mobile phone and vehicle device interactive projection, responsible for code maintenance.
 - Play Auto Install, PAI: Install apps from Google play store automatically by different SKU, responsible for code maintenance.

- Backend Engineer, Intern ICL–ITRI Apr 2014–Feb 2016 3years

- Proposed a scheduling algorithm based on real-time system EDF algorithms and improved advertising time usage.
 - Designed scheduling system for taxi advertising, and cooperate with the Taiwan Taxi.
 - Built server library “Trust Circle” for “BuddySquare” platform which adopts user’ s historical data to make recommendations.

- Technical Skills

Familiar with android system design, scheduling and admission control. Having experiences to design recommendation system.

- Knowledge: Design Pattern, Machine Learning, Deep Learning
 - Programming Languages: Java, Python
 - Tools: Java Swing, Git, Tomcat, Anaconda, Spyder
 - Systems: Windows, Ubuntu, CentOS, MacOS, Android

- Software Projects

- [Java Design Pattern](#)
 - [Python Practices](#)
 - [Python Coway’s Game of Life](#)

- Leadership and Awards

- [2012 NCHC SCC 2nd](#)
 - [2019 IT Home Competition AI&Data](#)

- Publications

- [ITRI Computer and Communications journal](#)

- Educations

M. S.	NCTU, Hsinchu	Feb 2013– Feb 2016 3 years
Major	Network Engineering The second year of the Master’ s program.	
Advisor	Yi-Bing Lin 林一平	

- Master Thesis: [Scheduling and Admission Control for Taxi Advertising System](#)
- Program Highlights: Scheduling and Admission Control, Recommendation System, System Analysis and Design

B. S.	Tunghai University, Taichung	Sep 2009– Feb 2013 4 years
Major	CSIE 1st. Average 92.76	
Advisor	Fang-Yi Lu 呂芳懌	

- Final Project: [Restaurant Management System Based on Android Platform](#)
- Program Highlights: Object-Oriented Programming(Java), Algorithms and Data Structure, Database System