

Bo-Heng Lu 盧柏亨

- <https://github.com/eric999j>

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- 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.2013–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.

- Designed Location-Based and Interest-Based Recommendation System.

- 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.

- Knowledges: Design Pattern, Machine Learning, Deep Learning

- Programming Languages: Java, Python

- Tools: Anaconda, Git, Spyder, Tomcat

- Systems: Android, CentOS, OSX, iOS, Ubuntu, Windows

- Software Projects

- [Java Design Pattern](#)

- [Python Practices](#)

- [Python Coway’s Game of Life](#)

- [NodeJS Telegram Bot](#)

- Leadership and Awards

- [IT Home Competition AI&Data, 2019](#)

- The Member of the Phi Tau Phi Scholastic Honor Society of the R.O.C., 2013

- Graduation Thematic Competition, THU, 2013
- Certificate of Honor, THU, 2013
- [2nd NCHC SCC, 2012](#)
- 2nd High-Performance Virtual Cluster Design Competition ,NCHU, 2012
- Certificate of Academic Honors Tunghai University, THU, 2010-2012
- Certificate of Tunghai University Presidential Award, 2009-2012

• Publications

- [ITRI Journal of Information and Communication Technology , 2016](#)

• Educations

M. S.	National Chiao Tung University, 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\(AiritiLibrary\)](#)
- [Scheduling and Admission Control for Taxi Advertising System\(NCTU\)](#)
- Program Highlights: Scheduling and Admission Control, Recommendation System, System Analysis and Design

B. S.	Tunghai University, THU Taichung	Sep. 2009- Jan. 2013 4 years
Major	Computer Science Ranked 1st. Average 92.76	
Advisor	Fang-Yi Lu 吕芳懌	

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