

# Bo-Heng Lu 盧柏亨

PDF

- <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.

- Zion: A cryptocurrency wallet app, responsible for webview add new features, code maintenance.

- DevOps 2020

- Manage AWS, GCP servers and responsible for department accounting.

- 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 Conway’s Game of Life](#)

- [Python Gif Resampling](#)
- [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 呂芳懌	

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