

Bo-Heng Lu 盧柏亨

PDF

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- Hi, I'm Eric. I worked at HTC and ITRI as a software engineer for 3 years separately. We use Java developed several apps in HTC, I also developed several libraries in ITRI. I enjoy cooperating with people, and diligence on my job. I also love learning new knowledge and skills to adapt to the trend of the technology.

- 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

- 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

- Relevant Experience

- 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 feature, 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.
- Honors 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
 - [2nd NCHC SCC, 2012](#)
 - 2nd High-Performance Virtual Cluster Design Competition ,NCHU, 2012
- Publications
 - [ITRI Journal of Information and Communication Technology , 2016](#)
- Certifications
 - Open Water Diver, 2017



- Certificate of Honor, THU, 2013
- Certificate of Academic Honors Tunghai University, THU, 2010-2012
- Certificate of Tunghai University Presidential Award, 2009-2012
- Udemyl
- <https://www.udemy.com/course/automate/>



- Software Projects
 - Java Design Pattern
 - Python Practices
 - Python Conway's Game of Life
 - Python Gif Resampling
 - NodeJS Telegram Bot
- Community Involvement
 - Alpha Leader, 2010-2012
 - Student Labor hygiene assistant, 2019-2012
- Glossary
 - ICL, Information and Communications Research Laboratories
 - ITRI, Industrial Technology Research Institute
 - NCHC, National Center for High-Performance Computing Taiwan
 - SCC, Student Cluster Challenge
 - THU, Tunghai University