Bo-Heng Lu 盧柏亨

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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 libaries in ITRI. I enjoy cooperating with people and 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.

- 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

- Udemy

    - https://www.udemy.com/course/automate/
    - https://github.com/eric999j/Clutter/blob/master/pics/Udemy-Python.PNG

- Software Projects

    - Java Design Pattern
    - Python Practices
    - Python Coway's Game of Life
    - NodeJS Telegram Bot

- Community Involvement
  - Alpha Leader, 2010-2012
  - Student Labor hygiene assistant, 2019-2012
- Reference
 -[推薦人]

- 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