

BING-HAO LI

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EDUCATION

New York University, Brooklyn, NY **May 2017**

Master of Science in Computer Science, GPA: 3.85

- Courses: Mobile Application, Database, Algorithm, Operating System, Java, Programming for Big Data

National Taiwan University, Taipei, Taiwan **June 2014**

Bachelor of Science in Physics, GPA: 3.0

- Courses: C++ Programming, Data Structure and Algorithm in C++

TECHNICAL SKILLS

- Programming Languages: Java, Python, C/C++, HTML, CSS, JavaScript, Typescript, SQL,
- Software/Operating System: Linux Ubuntu, Windows, Mac OS X, Github, Xcode, IntelliJ IDEA, Android Studio
- Frameworks: AngularJS, Hadoop

WORK EXPERIENCE

EmployToy, Front-end Developer Intern, New York **June 2016 - Sept 2016**

- Developed a web application for users to apply for job with Angular2 and Firebase
- Implemented form validation on front-end side using Parsley javascript API
- Produced a MVP of WebRTC app with SkylinkJS for employers to interview applicants
- Created several views of the web application by leveraging HTML, CSS, Bootstrap, Javascript and jQuery

Chien Hong Chen Education Center, Science Teacher, Taiwan **Sept 2009 - June 2012**

- Instructed 90+ junior and senior high school students in physics, chemistry, and mathematics, and improved their academic performances by 30%
- Designed and improved individualized tutoring methods for students' skill levels and promoted their motivation

PROJECTS

FriendPrint, *Mobile Application(Android)* **Feb 2016**

- Designed an android application to put posts from Facebook on the map
- Synchronized the events from Facebook and tracked user's friends in the same event
- Used Facebook API to access posts and events on Facebook
- Built LAMP web server with Amazon EC2
- Sent push notification to users with Google Cloud Messaging

ETA, *Mobile Application(Android)* **Feb 2016**

- Created an android application for users to schedules short trips with friends
- Used foursquare API for users to acquire information about location

RiceRocks(Asteroids), An Introduction to Interactive Programming in Python, *Coursera* **Jan 2016**

- Reconstructed the classic 80's arcade game Asteroids by using Python with SimpleGUI module

Filesystem in Userspace(FUSE), *Operating System* **Dec 2015**

- Built a file system using C with FUSE that managed and organized the processes in Linux system

Plate-Number Recognition, *Data Structure and Algorithm* **Mar 2014**

- Implemented effective data structure and algorithm in C++ to read big data (several gigabytes) of Electronic Toll Collection and search data whose plate number may be erroneously identified by monitor

LEADERSHIP EXPERIENCE

Pop Dance Club, Officer of Choreography, Taiwan **Sept 2009 - July 2013**

- Led 70 student dancers in 30+ competitions, show cases, annual productions, and graduation performances
- Trained and led 25 physics students to perform at an annual university-wide talent show with 600+ audience

Awards

- Exceptional performance in the Seminar on Innovative Experiments, Taiwan **May 2010**