

YIAN TONG

485 Marin Blvd ◇ Apt. 1526 ◇ Jersey City ◇ NJ 07302

1-917-767-0201 ◇ yt635@nyu.edu ◇ www.tongyian.com

EDUCATION

New York University

Master of Science in Computer Science

May 2019

New York, NY

University of Illinois at Urbana-Champaign

Bachelor of Engineering in General Engineering, Minor in Computer Science

May 2015

Urbana, IL

- Dean's List: Top 20% of the class, Spring 2012; James Scholar: Maintain a 3.5 GPA, August 2011 - Spring 2013

SKILLS

Language

Python, JavaScript, NodeJS, Java, C#, LaTeX

Frameworks and Software

React, React Native, Git, MySQL, Android, D3, Express, Unity

EXPERIENCE

InnoPartner Pte Ltd, Software Engineer Intern and Part-time

June 2018 - May 2019

A startup funded by Nanyang Technological University and PCPartner

Singapore

- Designed an air quality survey app from scratch, including the specification, system architecture and UI/UX.
- Implemented a front-end prototype alone by React Native to be used in the early customer product testing of 100.
- Proposed a multiple layer API for production in terms of a 5000+ user scale.

Mech-O Ltd, Creator

January 2015 - December 2016

A startup developed a set of programmable electrical building blocks based on Arduino

Shanghai, China

- Invented the building blocks (idea and hardware) in school lab and brought them to the market.
- Designed and developed a simplified cross-platform coding interface (like Blockly) with Unity, remodeled Arduino programming (C) and connected with the interface.
- Designed, developed and launched a material design website in mid 2015 as one of the first React websites in China.
- Led team of eight (four engineers, two business professionals, one designer, one tester) through more than five iterations, redefining strategy and shifting team to new vision.
- Attended over 20 road shows for fundraising, visited over 30 investors, including influential angel investors in China: Xiaoge Xiong, Xiaoping Xu (he provided recommendations for my grad school applications).

DineLog, Creator & Android Developer

December 2013 - May 2015

A location and interest based social app for finding dinner pals

Urbana, IL

- Created a front-end Android app and initiated a alpha test with 100 local users involved.
- Redesigned the business model, UI/UX and the App based on feedback for three iterations. Launched to Google Play and App Store in 2014 (unpublished now) for beta test.

ReadMe Ltd, Freelance Developer

August 2018 - October 2019

An early childhood reading and learning startup

Shanghai, China

- Reviewed the outsourced app (AngularJS), spotted 5+ critical bugs and provided optimal advises.
- Shortened 10% lines of the code and made the app 5% faster in result.

The Key School Ltd, Freelance Web Developer

July 2018 - August 2019

A day care startup, <http://www.keyschoolchina.com/>

Shanghai, China

- Designed and launched the early version website with React, NodeJS, Express and Alibaba Cloud alone in 2 weeks.

Parnassus Productions Inc, Freelance Web Developer

July 2019 - Present

<http://www.tandun.com/>

New York, NY

- Redesigning the website of world famous composer Tan Dun.