

My Name

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EDUCATION

Georgia Institute of Technology, Atlanta, GA Aug. 2018 – Dec. 2019 (Expected)

M.S. in Computer Science - Computing Systems & Machine Learning (GPA: 4.00/4.00)

- Coursework: Adv. Operating Systems / Adv. Software Engineering / Computer Networks / Machine Learning
- **Teaching Assistant:** Machine Learning (2019 Fall) | **Leadership:** Vice President of Taiwanese Student Association

National Taiwan University (NTU), Taipei, Taiwan Sep. 2011 – Jun. 2016

B.S. in Computer Science / Minor in Economics (GPA Major: 3.95/4.00 | GPA Overall: 3.86/4.00)

- Coursework: Data Structures and Algorithms / Systems Programming / Computer Architecture / Computer Graphics

WORK EXPERIENCE

Airbnb, Inc., San Francisco, CA May 2019 – Aug. 2019

Software Engineer Intern (full-stack) - *Homes Booking Team*

- **Back-end:** Maintained listing booking services and migrated checkout-flow logics from monolith [**Ruby**] to SOA (service-oriented architecture) [**Java**] to ensure both smooth booking experience and development easiness.
- **Front-end:** Increased **1.1%** global booking rate by improving user experience when facing booking errors (specific error contents, error redirection method, and similar listings recommendation) to help users identify and self-solve problems. [**React, Redux**]
- **Experiment:** Launched **five** A/B tests to quantify the impact of new features and bug fixes on **1.5 million** users' behaviors and provided analyses for the next development phases. (**50%** global coverage)

Microsoft Corporation, Taipei, Taiwan Jul. 2014 – Jul. 2015

Research & Development Intern (web, mobile) - *Office Service Team*

- Developed web portal and mobile application for Microsoft global datacenter on-call alert system (Office Service Pulse). [**C#**]
- Designed **five** new mobile features used by Microsoft employees worldwide: phone authentication, icon badge number, push notification, error logging, and version comparison for auto-update.
- Implemented web broadcasting libraries [**SignalR**] on the desktop website to make instant notifications.

Robo Web Tech (P2P Lending Startup), Taipei, Taiwan Jan. 2016 – May 2016

Software Development Intern (web, mobile)

- Increased 20% of clients by transforming the desktop website into a web-based mobile application. [**PHP, Laravel**]
- Redesigned visual contents, authentication, data transfer methods, and message box on the mobile app.

PROJECT EXPERIENCE

Travel Assistant (Route and Parking Planner), *full-stack web project* Feb. 2019 – Apr. 2019

- Integrated tourist attractions finding, travel route planning, and parking spaces searching to generate a comprehensive travel plan and save manual works. [**React, Node, MongoDB**]
- Designed route calculating algorithms to find optimal travel route using data from multiple APIs (Google Maps, TripAdvisor, Yelp).

Online Ordering System, *NTU Guitar Club / 3,000 users around campus* Mar. 2016 – May 2016

- Expanded **50%** of customers by designing a responsive website that simplified **70%** of ordering steps. [**ASP.NET, SQL, Bootstrap**]
- Received **100%** reservations in five days without any system error reported and saved **a week** of manual work.

Online Check-in System & Questionnaire, *Microsoft Campus Tour Lectures / 4,000 audience* Mar. 2015 – May 2015

- Reduced **75%** check-in time by creating a web application connecting to registration database to replace paper sign-in process.
- Saved **4,000** papers and two-week key-in works by digitalizing paper questionnaire into mobile web form.

TECHNICAL SKILLS

- **Programming:** Java, Python, JavaScript, C, C++, C#, Ruby
- **Tools:** Bash, Git, Azure, Scikit-Learn, Tensorflow
- **Web:** HTML/CSS, Node.js, React.js, Spring, ASP.NET, PHP
- **Languages:** Mandarin (native), English (fluent)

ADDITIONAL EXPERIENCE

Google AI Teacher Camp, Technical Assistant May 2018

- Introduced Google machine learning online course and Tensorflow™ library to 200 ML professors around Taiwan.

Microsoft Coding Angels Workshop, Technical Assistant Dec. 2015

- Motivated 100 first-time female learners to be interested in programming by guiding them to build their first website.