

Yu-Lin Chung

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EDUCATION

Georgia Institute of Technology, Atlanta, GA

Aug. 2019 - Dec. 2020

M.S. Computer Science, cumulative GPA 3.75

Related Courses:

– Mobile Computing & IoT | Computer Networks | Data & Visual Analytics | Mobile Apps & Services

National Tsing Hua University, Hsinchu, Taiwan

Sep. 2014 - Jun. 2018

B.S. in Computer Science with **Academic Excellence Award**

– Concentrated in Human-Computer Interaction | Mobile and Ubiquitous Computing | Data Science

WORK EXPERIENCE

Amazon, Amazon Web Services(AWS), Inc.

Seattle, WA

SDE Intern (Backend)

May - Aug. 2020

- Created and **owned** an EC2 Core service **Midge - Managed ID Generation Service**, which hands out IDs for thousands of newly created AWS resources every day across multiple Availability Zones in each region.
- Self-directed** the development of service that ran on multiple hosts while sharing the same data storage. Coordinated hosts to make the service **scalable**, **highly available**, and **tolerant** of remote DB outage/fault.
- Significantly** reduced the risk of duplicate ID hand-out and time needed to manage ID manually as it was.
- Designed, built, tested, and deployed** service from scratch with **Java**(OOD, Guice, Junit), **Git**, **Linux**, and **AWS** services. Automated integration testing and deployment with internal tools and **Apollo** environment.
- Maintained clean codebase and **API** documentation for customers to onboard with our service.

KKday, E-commerce Travel Platform Startup

Taipei, Taiwan

MarTech - Growth Hacker Intern

Apr. - Jul. 2019

- Performed User Journey Analysis, Email Automation, and Conversion Rate Optimization.
- Led** colleagues from IT, Marketing, and Content teams in Thailand, Viet Nam, Singapore, and Taiwan to perform the campaign that reached a **60%** boost of organic app downloads in the Southeast Asia Markets.

National Chiao Tung University, Mobile and Ubiquitous Interaction Lab

Hsinchu, Taiwan

Research Assistant, to Dr. "Stanley" Yung-Ju Chang

Feb. - Sep. 2018

- Collaboratively conducted research focusing on Mobile-Mediated Communication.
- Paper accepted for **ACM CHI'19**.

SELECTED PROJECTS

Handl, Share You Quicker

Team Project

Aug. - Nov. 2019

- The **1st Prize** winner of GeorgiaTech CIC mobile apps competition.
- Handl is your personal social media hub that deducts contact exchanging time by **50%** of existing solutions.
- I was the Tech-lead of the **React Native** development.

Mapmory, A Map That Helps Optimize and Memorize Every Adventure

Self-Directed Project, Team Project

Ongoing

- Inspired by my own experience when traveling across Europe years ago.
- Designed and implemented a **full-stack web/mobile** platform to improve travelers' experience by smart route planning and location-centered note-taking.
- Developed using **React**, **React Native**, **Express**, **NodeJS**, and **MongoDB**. Hosted on both **Heroku** and **AWS**.
- Visit [code](#) on Github, [video](#) on YouTube, or website <http://ec2-3-88-10-24.compute-1.amazonaws.com/>.

SKILLS CURRENT & DEVELOPING

Programming Languages (In order of proficiency):

- Java, JavaScript, Python, HTML, CSS, C++

Development Platforms, Web / App Frameworks & Other Tools:

- AWS with *Certified Solutions Architect - Associate* Badge. [See credential](#).
- ReactJS, React Native, NodeJS, Django, Git, Android Studio, MongoDB, Java Swing, Arduino, Junit

LEADERSHIP EXPERIENCE

Team Leader, Promotion at TEDxNTHU, Hsinchu, Taiwan

Dec. 2015 - May 2016

- Led** the team drew a **record high** 350 attendances to the annual campus TED talk conference.