

EDUCATION

Duke University

Master of Science in Computer Science

Aug. 2023 – May 2025 (expected)

Durham, NC, USA

Tokyo Institute of Technology

Exchange Student

April 2023 – Aug. 2023

Tokyo, Japan

National Yang Ming Chiao Tung University

Bachelor of Science in Computer Science

GPA: 3.9/4.0

Sep. 2019 – June 2023

Hsinchu, Taiwan R.O.C.

WORK EXPERIENCE

25sprout

July 2022 – Jan. 2023

Backend Developer Intern

Taipei, Taiwan R.O.C.

- Utilized PHP and Laravel to write SurveyCake (a cloud-based survey solution) API feature tests (increase test coverage by 25%) which improved the stability when updating new versions.
- Gained a solid understanding of CI/CD concepts.
- Acquired proficiency in Git Flow and demonstrated proficiency in Scrum development process.

PROJECT

Personal Website

- Build the website from scratch using HTML and CSS.
- Employed the website as a platform to showcase my portfolio and provide insights into my professional background.

Domain Name Server

- Implemented a DNS server that can correctly respond when users ask for a DNS record of a particular domain name, referring to RFC 1035.
- Handled protocol messages delivered in UDP.
- Implemented a 'nip.io' like service.

LINE Notification Tool Connecting Facebook Group

- Utilized LINE bot as a specialized notification tool for the largest student buy/sell Facebook group.
- Designed personalized in app announcement based on individual's selection on interested product key words.

Math Equation Recognition and Solver

- Researched on math equation recognition with both handwritten and printed words.
- Used CNN to construct a model that can solve +, -, x, ÷, !, sin, log etc.
- Designed a website with sketchpad to offer user a choice to upload picture or directly write on the sketchpad to solve math equations.

SKILLS & LEADERSHIP

CS Student Union, VP of PR

- Facilitated seamless communication between sponsor and school for successful event coordination.
- Held corporate visits and industry discourses for students.

Programming Languages: C/C++, Python, Java, SQL, PHP, HTML, CSS

Frameworks/Tools: MySQL, Laravel, REST API, Linux, Shell Script, Docker, Git, Postman

Soft Skills: Time Management, Problem Solving, Leadership