

# An-Chi Liu

SOFTWARE ENGINEER · SYSTEM SOFTWARE PROFESSION

Taipei, Taiwan

☎ (+886) 905557273 | ✉ phy.tiger@gmail.com | 🏠 tigercosmos.xyz | 🌐 tigercosmos | 📱 liuanchi

## Education

### National Yang Ming Chiao Tung University (NYCU)

M.S. IN COMPUTER SCIENCE AND ENGINEERING

Hsinchu, Taiwan

Sep. 2019 - Jun. 2022

- Thesis: Offloading framework for parallel web applications
- Previous school name is **National Chiao Tung University (NCTU)**

### Polytechnic University of Milan

M.S. EXCHANGE PROGRAM IN COMPUTER SCIENCE AND ENGINEERING

Milan, Italy

Sep. 2021 - Feb. 2022

### National Taiwan University (NTU)

B.S. IN BIO-INDUSTRIAL MECHATRONICS ENGINEERING

Taipei, Taiwan

Sep. 2014 - Jun. 2019

- Thesis: Using machine learning for server rendering to optimize web performance

## Work Experience

### National Yang Ming Chiao Tung University

TEACHING ASSISTANT

Hsinchu, Taiwan

2019 - 2021

- Parallel Programming (Spring 2021, Fall 2020). Won the NYCU outstanding teaching assistant award in 2021.
- Numerical Software Development (Spring 2021, Fall 2020, Spring 2020, Fall 2019)

### National Center for High-Performance Computing

RESEARCH INTERN

Hsinchu, Taiwan

Jul 2020 - Mar 2021

- Built a full-stack system for an AI service, which provides users a frontend GUI to launch and monitor AI tasks, and includes a backend system to manage the AI service.

### Skymizer

SOFTWARE ENGINEERING INTERN

Taipei, Taiwan

Feb 2019 - Jun 2019

- Developed unit tests at variant levels for the C backed-end of the Open Neural Network Compiler (ONNC).

### CloudMosa, Inc.

SOFTWARE ENGINEERING INTERN

Taipei, Taiwan

Jul 2018 - Sep 2018

- Developed the module that enables users downloading files directly to Dropbox on Puffin browser, including a Python backend to connect cloud services APIs and modifications for the core of Puffin browser.
- Developed frontend GUI for the linux version of Puffin browser.

### Delta Electronic, Inc.

SOFTWARE ENGINEERING INTERN

Taipei, Taiwan

Sep 2017 - Dec 2017

- Designed full-stack system for DNA analysis service, which includes login, control panel and monitor, via Angular, Ant Design, Express and MongoDB with complete unit tests at variant levels.

### Fusion\$360

SOFTWARE ENGINEERING INTERN

Taipei, Taiwan

Nov 2016 - Jul 2017

- Designed and developed a frontend page with Angular for E-Wallet service.
- Developed crawlers of news and patents (Taiwan, Europe, U.S) from web pages and APIs in Java.

## Skills

### Programming

Expert: JavaScript, C/C++, Python, Node.js, Experienced: Rust, PHP, Java, C#

### Full-stack

HTML5, Angular, jQuery, Express, REST API, Flask, MongoDB, MySQL, Chatbot, Android, AWS, CI/CD, Git, Github

### Languages

Mandarin Chinese (Native), English (B2, TOFEL iBT 83), Japanese (A1)