An-Chi **Liu**

SOFTWARE ENGINEER · SYSTEM SOFTWARE PROFESSION

Taipei, Taiwan

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Education

National Yang Ming Chiao Tung University (NYCU)
Hsinchu, Taiwan

M.S. IN COMPUTER SCIENCE AND ENGINEERING
Sep. 2019 - Jun. 2022

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

Polytechnic University of Milan
Milan, Italy

M.S. EXCHANGE PROGRAM IN COMPUTER SCIENCE AND ENGINEERING
Sep. 2021 - Feb. 2022

National Taiwan University (NTU)
Taipei, Taiwan

B.S. IN BIO-INDUSTRIAL MECHATRONICS ENGINEERING
Sep. 2014 - Jun. 2019

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

Work Experience

National Yang Ming Chiao Tung University
Hsinchu, Taiwan

TEACHING ASSISTANT
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
Hsinchu, Taiwan

RESEARCH INTERN
Jul 2020 - Mar 2021

- Built a full-stack system for an AI service, which provides users a frontend GUI to lunch and monitor AI tasks, and incudes a backend system to manages the AI service.

Skymizer
Taipei, Taiwan

SOFTWARE ENGINEERING INTERN
Feb 2019 - Jun 2019

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

CloudMosa, Inc.
Taipei, Taiwan

SOFTWARE ENGINEERING INTERN
Jul 2018 - Sep 2018

- Developed the module that enables users dowonloading 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.
Taipei, Taiwan

SOFTWARE ENGINEERING INTERN
Sep 2017 - Dec 2017

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

Fusion$360
Taipei, Taiwan

SOFTWARE ENGINEERING INTERN
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)