

# An-Chi Liu

SOFTWARE ENGINEER · SYSTEM SOFTWARE PROFESSION

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## Summary

Liu is a software engineer, and he is active in open source communities with the ID @tigercosmos. He is currently exchanging at Polytechnic University of Milan, and he is a master student of Computer Science at National Yang Ming Chiao Tung University (NYCU), Taiwan. He earned a B.S. degree in Bio-Industrial Mechatronics Engineering from National Taiwan University (NTU) in 2019. His research interests mainly focus on system software and high-performance programming. He loves sharing. He teaches coding, writes articles, and gives talks. He participates in many open-source projects. He believes sharing makes the world a better place.

## Education

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

Hsinchu, Taiwan

M.S. IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2019 - Aug. 2022

- Thesis: Offloading Framework for Parallel Web Applications
- Previous school name: National Chiao Tung University (NCTU)

### Polytechnic University of Milan

Milan, Italy

M.S. EXCHANGE PROGRAM IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2021 - Aug. 2022

- Courses: Advanced user interface, Performance evaluation

### National Taiwan University

Taipei, Taiwan

B.S. IN BIO-INDUSTRIAL MECHATRONICS ENGINEERING

Sep. 2014 - Jun. 2019

## Work Experience

### National Yang Ming Chiao Tung University

Hsinchu, Taiwan

TEACHING ASSISTANCE

2019 - 2021

- Parallel Programming (Spring 2021, Fall 2020) Won the NYCU excellent teaching assistants awards in the academic year of 2020
- Numerical Software Development (Spring 2021, Fall 2020, Spring 2020, Fall 2019)
- Compiler (Spring 2020)

### National Center for High-Performance Computing

Hsinchu, Taiwan

RESEARCH INTERN

Jul 2020 - Mar 2021

- Built a full-stack system for neural architecture search via Angular, Express, Flask and MySQL

### 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 of "Download to Cloud" on the Puffin browser, which included a Python backend to connect clouds APIs and modifications for the Puffin core.
- Developed some parts of the UI of the Puffin browser.

### Delta Electronic, Inc.

Taipei, Taiwan

SOFTWARE ENGINEERING INTERN

Sep 2017 - Dec 2017

- Designed full-stack system 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 service with Angular.
- Developed crawlers of news and patents from many countries (Taiwan, Europe, U.S) in Java.