An-Chi **Liu**

SOFTWARE ENGINEER · SYSTEM SOFWARE 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

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 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)

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
- 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.