

APPLYING FOR

ANY COMPANY

Software Engineering  
Internship or part-time

Songlin Jiang

Aalto University

SECCLO

(Security &amp; Cloud Computing)

Erasmus Mundus Joint Master

## Basic Information

Email: hollowman@opensuse.org

GitHub: HollowMan6 (1.5K Followers)

LinkedIn: linkedin.hollowman.ml

Website: hollowman.ml

Blog: blog.hollowman.ml

## Stack

Python: master

JavaScript: master

Java: proficient

C++: proficient

HTML: proficient

SQL: proficient

Go: familiar

## Note

Please go to my website, GitHub or LinkedIn to get a better understanding of me.

I would really appreciate to have an internship during summer or winter holiday, a part-time job during term time. Please contact me through Email if you think I am a good fit for your vacancies.

## Educational Background

2018.09—2022.07 Lanzhou University Computer Science B. Eng.

- 2019 & 2020 Lanzhou University Outstanding Student Scholarship
- 2020 Linux Foundation Training (LiFT) Scholarship (China) Academic Aces
- 2020 Spring exchange at the University of Leeds sponsored by China Scholarship Council Outstanding Undergraduate International Exchange Program
- 2021 Ministry of Education & Huawei "Intelligent Base" Future Star Scholarship of the Industry-Education Integration and Collaborative Education Project
- Grade Average: 91/100, WES GPA: 3.83/4



2022.08—2024.07 Erasmus Mundus SECCLO M. Sc.

Full-Ride scholarship, include tuition and living costs  
First year at Aalto University in Finland

- Second year at -
- GPA: -

## Project Experience

2022.07—2022.09 Kona JDK Tencent Rhino-Bird Open-Source Training Program 2022



- Generate Keypairs for SM2 by various algorithms, analyze their performance and security.
- 26 commits, 1108 lines of code net contribution
- Project Link: <https://rbostp.hollowman.ml>

2022.05—2022.09 MIT App Inventor Google Summer of Code 2022



- Add feature to allow selecting, dragging and doing actions on multiple blocks for Blockly
- 6 commits, 2037 lines of code net contribution
- Project Link: <https://gsoc.hollowman.ml>

2022.05—2022.08 Cryptoanarchy Debian Summer of Bitcoin 2022



- Add Continuous Integration (CI) support for the Cryptoanarchy Debian repository
- 8 commits, 225 lines of code net contribution (mainly design & existing tests debugging)
- Project Link: <https://sob.hollowman.ml>

2022.05—2022.08 Microsoft Research NYC RL Open Source Fest 2022



- Add native GSV parser support for the Vowpal Wabbit project
- 6 commits, 1562 lines of code or documentation or test cases net contribution
- Project Link: <https://rlosfest.hollowman.ml>

2022.01—2022.07 Institute of Software, CAS openEuler Open Source Intern



- Help solve 6 issues, related technologies include D-Bus, Glib, building Cloud Native Container images, Rust programming, Chrome DevTools Protocol, test case, RPM packaging
- First to obtain 150 intern credits. Honors: Intern of Excellence & Star of Open Source
- Project Link: <https://gitee.com/jiangsonglin2>

2021.06—2021.08 openSUSE Project Google Summer of Code 2021



- Add custom themes feature for IME framework IBus, improve IBus settings support in GNOME
- 354 commits, 12248 lines of code or documentation net contribution
- Project Link: <https://gsoc.hollowman.ml>

2021.07—2021.09 openEuler Open Source Promotion Plan - Summer 2021



- Create an ISO Image Writer APP for Huawei's Linux distribution openEuler
- 11 commits, 3783 lines of code net contribution
- Project Link: <https://ospp.hollowman.ml>

2020.07—2020.09 Emacs Open Source Promotion Plan - Summer 2020



- Open Source Internship at Emacs (China) under the fund of ISCAS, completed 15 compulsories + 3 voluntarily different level tasks using Emacs Lisp, Python, JavaScript, SQLite to add new features for Emacs Application Framework (EAF)
- 48 commits, 2436 lines of code net contribution
- Mentor Comments: [https://isrc.iscas.ac.cn/gitlab/summer2020/students/proj-2012153/-/issues/25#note\\_175301](https://isrc.iscas.ac.cn/gitlab/summer2020/students/proj-2012153/-/issues/25#note_175301)
- Project Link: <https://ospp.hollowman.ml>

2020.07—2020.08 Arthas Alibaba Summer of Code 2020



- Wrote Chinese and English online tutorials for Arthas using Katacoda and Vue.js. Also, use Java to add functionality to support directly searching ClassLoader by name so that users don't have to use their Hash Code.
- 80 commits, 23648 lines of code or documentation net contribution
- Project Link: <https://asoc.hollowman.ml>

2021.01—2021.12 Personal Project LZU Auto COVID Health Report

- A cloud application that automates the university daily COVID-19 health report
- Support running on multi-architectures using GitHub Actions, GitLab CI/CD, CronTab /Python schedule, Docker, Kubernetes, Helm Package Manager, or Heroku
- Health report status sends through WeChat, Telegraph, Firebase Cloud Messaging
- My most starred personal projects on GitHub (Near 300)
- It also includes a GitHub App for GitHub Actions Workflow Management
- Landed on the top Trending Apps multiple times at the GitHub Marketplace
- Project Link: <https://github.com/HollowMan6/LZU-Auto-COVID-Health-Report>

## My Certification / Skills



- Software Design Engineer, China Qualification of Computer and Software Technology
- CKA: Certified Kubernetes Administrator, issued by Cloud Native Computing Foundation, free training and certification thanks to the Linux Foundation Training (LiFT) Scholarship (China) in Academic Aces category.

**Programing skills:** I have many personal projects on GitHub. Contributed to many open-source projects such as TensorFlow, etc. Grasping rich programming experience