

APPLYING FOR

ANY COMPANY

Software Engineering /
Site Reliability Engineering
/ Research Internship

Songlin Jiang

Aalto University

SECCLO

(Security & Cloud Computing)

Erasmus Mundus Joint Master

Contact

Email: hollowman@opensuse.org

GitHub: HollowMan6 (1.5K Followers)

LinkedIn: linkedin.hollowman.ml

Website: hollowman.ml

Blog: blog.hollowman.ml

Phone: (Privacy, email me first)

Stack (non-exhaustive)

Python: master

JavaScript: master

Java: proficient

C++: proficient

HTML: proficient

SQL: proficient



Go: familiar

Goal

As a current master student, I would really appreciate to have an internship during summer or winter holiday, so that I can get prepared for a full-time job / Ph.D. when I graduate.

Please contact me through Email if you think I am a good fit for your vacancies.

Educational Background

- 2022.08—2024.07** **Erasmus Mundus JMD** **SECCLO** **M. Sc.**
 Full-Ride scholarship, include tuition and living costs
 • GPA: 5/5
- 2018.09—2022.07** **Lanzhou University** **Computer Science (Hons.)** **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
 - Bachelor's Thesis: A Short-Term Wind Speed Multistep-Ahead Hybrid Prediction Model based on ICEEMDAN and Prophet-GRU-NN

Project Experience

- 2022.07—2022.09** **Kona JDK** **Tencent Rhino-Bird Open-Source Training Program 2022**
 Generate Keypairs for SM2 by various algorithms in Java, compare performance and security Honors (2/4000+ for all): Tencent Open Source Contributor, Intern of Excellence & Scholarship
 26 commits, 1108 lines of code net contribution (Paper reading and investigation)
 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 manipulating multiple blocks for Google Blockly
 6 commits, 2037 lines of code net contribution (Resolved the issue existed for a decade)
 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 (Bitcoin)
 8 commits, 225 lines of code net contribution (mainly investigate & existing tests debugging)
 Project Link: <https://sob.hollowman.ml>
- 2022.05—2022.08** **Microsoft Research NYC** **RL Open Source Fest 2022**
 Add native CSV parser support for the Vowpal Wabbit project in C++, 100% Test & Code Coverage
 6 commits, 1562 lines of code or documentation or test cases net contribution (also design)
 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 (became openSUSE Member)
 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 using QT in C++
 11 commits, 3783 lines of code net contribution
 Project Link: <https://osp.hollowman.ml>
- 2020.07—2020.09** **Emacs** **Open Source Promotion Plan - Summer 2020**
 Open Source Internship at Emacs (China) under the fund of ISCAS, complete 15 compulsories + 3 voluntarily different level tasks using Emacs Lisp, Python, JavaScript, SQLite to add new features for Emacs Application Framework (EAF). Highlight: Browser Input Form Auto-fill
 48 commits, 2436 lines of code net contribution
 Project Link: <https://ospp.hollowman.ml>
- 2020.07—2020.08** **Arthas** **Alibaba Summer of Code 2020**
 Mainly write Chinese and English online tutorials for Arthas using Katacoda and Vue.js.
 Highlight: Support directly searching Class Loader by name instead of Hash Code using Java
 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**
 - An application based on CI/CD 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/pkgs/container/lzu-auto-covid-health-report>

Certification & Skills

- Software Design Engineer, China Qualification of Computer and Software Technology
- CKA: Certified Kubernetes Administrator, issued by Cloud Native Computing Foundation (CNCF), free training and certification thanks to the Linux Foundation Training (LiFT) Scholarship (China) 2020 in Academic Aces category.
- Programming skills: I have many personal projects on GitHub. Contributed to many open-source projects such as TensorFlow, etc. Grasping rich programming experience

