

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



A?

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://rbofstp.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://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, 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 Kataoda 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.

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