PERSONAL RESUME Songlin Jiang

Aalto University & DTU
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

Python:

Blog: blog.hollowman.ml

Phone: (Privacy, email me first)

Stack(non-exhaustive)

master

familiar

familiar

跨讯犀牛鸟 #逐人才培养计划

8

٤

Arthas.

JavaScript: master **GitHub Actions:** master GitLab CI/CD: master **Kubernetes:** master Java: proficient C: proficient C++: proficient HTML: proficient SQL: proficient

Goal

Go:

Rust:

I enjoy working with things that can benefit the company / society greatly, no matter the issue's complexity.

As a current master's student, I am interested in front-end, back-end, full-stack, software engineering, DevOps, testing, either on-site or remote, part-time or full-time. I am also very interested in possible PhD or research positions, please feel free to contact me!

PERSONAL RESUME



PERSONAL RESUME

M. Sc.

Educational Background

2022. 08—2024. 07 Erasmus Mundus Joint Master SECCLO

• Full-Ride scholarship, include tuition and living costs

• Double degree, Aalto University & Technical University of Denmark

2022 Linux Foundation Training (LiFT) Scholarship (China) Cloud Captains
 GPA: 5/5, major: Security & Cloud Computing, minor: Reliable Distributed Systems

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

Internship Experience

2023. 05-2023. 08 CSC - IT Center for Science HPC LUMI Backend Service Intern (onsite)

LUMI ranked 3rd around the world and 1st in Europe at HPC supercomputer T0P500 list by 2023

Transfer GPU usage monitoring back-end to another time series database

· Rewrite metrics collection service that ingests the data from GPU nodes to the database

2023. 03-2023. 05 Kubescape CNCF LFX Mentorship (remote)

Homebrew, krew, RPM and DEB package repositories auto update with Kubescape releases GI Stipend: \$6000

2022. 07-2022. 09 Kona JDK Tencent Rhino-Bird Open-Source Training Program 2022 (remote)

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 Stipend: \(\frac{*}10000\), 1108 lines of code net contribution (Paper reading and investigation)

2022. 05-2022. 09 MIT App Inventor Google Summer of Code 2022 (remote)

MIT App Inventor is a project that run by MIT CSAIL: https://www.csail.mit.edu/research/mit-app-inventor
Add feature to allow selecting, dragging and manipulating multiple blocks for Google Blockly
Stipend: \$5400, 2037 lines of code net contribution (Resolved the issue existed for a decade)

2022. 05-2022. 08 Cryptoanarchy Debian Summer of Bitcoin 2022 (remote)

Add Continuous Integration (CI) support for the Cryptoanarchy Debian repository (Bitcoin)

Chances to get into this internship in 2022: 83/20317

• Stipend: \$3000, 225 lines of code net contribution (mainly investigate & tests debugging)

2022. 05-2022. 08 Microsoft Research NYC RL Open Source Fest 2022 (remote)

Add native CSV parser support for the Vowpal Wabbit project in C++, 100% Test & Code Coverage Stipend: \$10000, 1562 lines of code or documentation / test cases net contribution + design

2022.01-2022.07 Institute of Software, CAS openEuler Open Source Intern (remote)

Stipend: \(\frac{\text{\$

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

2021. 06-2021. 08 openSUSE Project Google Summer of Code 2021 (remote)

Add custom themes feature for IME framework IBus, improve IBus settings support in GNOME

Stipend: \$2700, 12248 lines of code or documentation net contribution (became openSUSE Member)
2021.07-2021.09 openEuler Open Source Promotion Plan - Summer 2021 (remote)

Create an ISO Image Writer APP for Huawei's Linux distribution openEuler using QT in C++

Stipend: \(\frac{\pmathbf{X}}{2}\) 12000, 3783 lines of code net contribution

2020. 07-2020. 09 Emacs Open Source Promotion Plan - Summer 2020 (remote)

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 Stipend: \(\frac{\pmathbf{12000}}{12000}\), 2436 lines of code net contribution

2020. 07-2020. 08 Arthas

Alibaba Summer of Code 2020 (remote)

Mainly write Chinese and English online tutorials for Arthas using Katacoda and Vue. js.

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 Stipend: **¥11920**, 23648 lines of code or documentation net contribution

Certification & Qualities

- 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.
 - Huawei Cloud Certified Developer Associate in Internet of Things (HCCDA IoT),
 Training and certification of IoT devices, management, cloud technology and
 solutions, and the ability to conduct IoT business development practice.

Rich Programing experience: I have many personal projects on GitHub. Contributed to many open-source projects, such as TensorFlow, docker etc. for companies like Microsoft, Google. Easy to work with: I'm an experienced open-source contributor with 1.5k followers and hundreds of Pull Requests on GitHub, collaborating with upstream maintainers frequently. Consistent: I became an openSUSE member, due to my excellent development and continuous maintenance work even after the Google Summer of Code 2021 funding period ended.