

PERSONAL RESUME

Songlin Jiang

Aalto University & DTU
SECCLO

(Security & Cloud Computing)
Erasmus Mundus Joint Master

Contact

Email: hollowman@opensuse.org
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Stack (non-exhaustive)

Python:	master
JavaScript:	master
GitHub Actions:	master
GitLab CI/CD:	master
Kubernetes:	master
Java:	proficient
C:	proficient
C++:	proficient
HTML:	proficient
SQL:	proficient
Go:	familiar
Rust:	familiar

Goal

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!

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Hollow Man

Educational Background

2022.08—2024.07 **Erasmus Mundus Joint Master** **SECLO** **M. Sc.**
Erasmus 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

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 TOP500 list by 2023
Transfer GPU usage monitoring back-end to another time series databases

2023.03—2023.05 **Kubescape** **CNCF LFX Mentorship**
Homebrew, krew, RPM and DEB package repositories auto update with new Kubescape releases

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)

2022.05—2022.09 **MIT App Inventor** **Google Summer of Code 2022**
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
6 commits, 2037 lines of code net contribution (Resolved the issue existed for a decade)

2022.05—2022.08 **Cryptoanarchy Debian** **Summer of Bitcoin 2022**
Add **Continuous Integration (CI)** support for the Cryptoanarchy Debian repository (Bitcoin)
Chances to get into this internship in 2022: **83/20317**
8 commits, 225 lines of code net contribution (mainly investigate & existing tests debugging)

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)

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**

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**)

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

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

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

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.