



OPEN  
**MAINFRAME**  
**SUMMIT**

Illuminating Pathways  
for Our Future  
Innovators

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Open Source Program Office for  
IBM Z at IBM





Mainframes have a discovery problem.



# LFX Mentorships



LFX | Mentorship

Tools ?

Mentorships | Mentees | Mentors | My Mentorships | My Tasks | My Account

Summer 2023  
Jun 2023 - Aug 2023

2023 Part Time  
Jun 2023 - Aug 2023

2023 Full Time  
Jun 2023 - Aug 2023

Summer FT  
Jun 2023 - Aug 2023

Summer 2023  
Jun 2023 - Aug 2023

All Mentorships | Accepting Applications | **In Progress** | Completed

Search

**OPEN MAINFRAME PROJECT**  
**COBOL**  
Programming Course

**Open Mainframe- COBOL Programming Course - COBOL...**

The goal of this summer mentorship is to create a chapter in the COBOL Programming course that...

Project Overview | Project Statistics

Required Skills

COBOL

Terms

Summer 2023  
Jun 2023 - Aug 2023

Applications Closed

**Linux kernel Bug Fixing Summer Unpaid 2023**

There are many bugs being found in the Linux kernel by automated tools, yet not many people...

openssf best practices gold

Project Overview | Project Statistics

Required Skills

C Shell GNU ... kernel

Terms

Summer Unpaid P  
Jun 2023 - Nov 2023

Summer Unpaid F  
Jun 2023 - Aug 2023

Applications Closed

**OPEN MAINFRAME PROJECT**  
**MENTORSHIP**

**Open Mainframe- Unix System Services for Zowe Client Java SDK**

Help complete USS Rest Api wrapper calls for the SDK.

Project Overview | Project Statistics

Required Skills

Java

Terms

Summer 2023  
Jun 2023 - Aug 2023

Applications Closed

**OPEN MAINFRAME PROJECT**  
**Software Discovery Tool**

**Open Mainframe Project- Software Discovery Tool back end...**

The Software Discovery Tool is an online search tool for Linux distributions and other software...

Project Overview | Project Statistics

Required Skills

Python MySQL Linux Flask

Terms

Summer 2023  
Jun 2023 - Aug 2023

Applications Closed

**OPEN DAYLIGHT**

**LF Networking - 2023 OpenDaylight Website Refresh**

This internship will provide the opportunity to learn open source community standards,...

Project Overview | Project Statistics

Required Skills

CSS HTML Python Gerrit +4

Terms

**OPEN MAINFRAME PROJECT**  
**MENTORSHIP**

**Open Mainframe- Zowe Python SDK Enhancements**

Finalize team configuration support and make other enhancements to support a v2 release.

Project Overview | Project Statistics

Required Skills

Python REST...

Terms

**RISCV**

**Performance Model of an Example RISC-V Out-of-Order Superscalar...**

RISC-V Performance Modeling SIG is driving the development of Performance Modeling and...

Project Overview | Project Statistics

Required Skills

Com... Perfo... Perfo... Colla...

Terms

**FD.io**

**LF Networking - 2023 FD.io Website UX Improvements**

This is a multi-phase project to improve the FD.io web site to modernize the UX experience across...

Project Overview | Project Statistics

Required Skills

CSS HTML Python Gerrit +4

Terms





- 5 mentees
- 3 summers
- 2 are now on the project TSC
- 1 became a mentor themselves





# Diversity opportunities





Talent! Contributors!



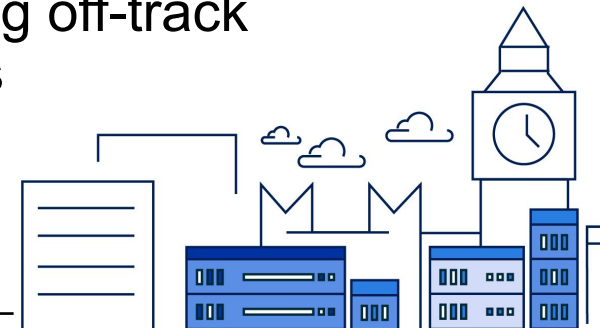


- Solve any logistical/access problems prior to the beginning of the mentorship
- Have a clearly defined project that has a clear goal which can be accomplished in 12 weeks
  - Side quests are good too! Small wins build confidence.
- Meet with your mentees *at least* weekly
- Have mentees document what they've done each week, this becomes a valuable resource for everyone for mid-terms, final projects, etc.





- It's a very competitive program, tailor your application to the project
- Visit the project before final mentorship decisions are made
  - Join a meeting and introduce yourself
  - Reply to a code review, or issue
- Don't be afraid to ask your mentor for help and guidance, *especially* if you're struggling, that's what they're there for
- Notify your mentor if you feel like you're getting off-track so they can help, or adjust project parameters





## Open Mainframe Project Mentorship Program

[https://openmainframeproject.org/  
community/mentorship-program/](https://openmainframeproject.org/community/mentorship-program/)

## LFX Mentorships

[https://lfx.linuxfoundation.org/tool  
s/mentorship](https://lfx.linuxfoundation.org/tools/mentorship)



**Thank you!**

