Hyperledger Mentee Onboarding

June 2021

Agenda

- Hyperledger Overview
- Mentorship Program Goals
- 2021 Mentor/Mentee Cohort
- Collaboration in Open Source Community
- How to Get a Head Start
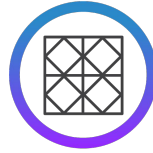- What's Expected of You
- Key Program Dates and Logistics

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Hyperledger Goals

Where open source teams build diverse approaches for business blockchain

Create enterprise grade software
open source, distributed ledger frameworks & code bases
to support business transactions

Provide community-driven infrastructures
that are open, neutral and supported by technical and business governance

Build technical communities
to develop blockchain and shared ledger POCs, use cases, field trials and deployments

Educate the public
about the market opportunity for blockchain technology

Build the commercial ecosystem
to help ISVs, cloud providers, SIs, and end user organizations all realize commercial benefit from participation in the project, and demonstrate the economic power of this domain

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

The Hyperledger Greenhouse

Mentorship Program Goals

- To connect new developers eager to learn with experienced developers interested in teaching/coaching
- To provide structured guided hands-on learning opportunities for new open source developers and researchers
- To help mentees learn and enhance their technical skills, and to inspire them to become long-term active contributors.
- To create a pipeline to a diverse, well-educated developer pool and to strength Hyperledger projects and community
- To coach how to participate effectively in open source community (collaborative culture, tooling, infra, etc.)
- To gain valuable insight into new developer onboarding processes and how to lower the barriers to entry

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Mentor and Mentee Cohort 2021

Project Name	Mentors	Mentee	Country	University
Automated Testing for Climate Emissions Ledger	Si Chen, Kamlesh Nagware, Robin Klemens	Pranamika Pandey	India	n/a
Blockchain Integration for Climate Emissions Data with Fabric and Cactus	Si Chen, Peter Somogyvari, Kamlesh Nagware	Pritam Singh	India	Indian Institute of Technology
Blueprint-like interface for Iroha Special Instructions	Egor Ivkov, Ivan Rybin,	Zoe Krucky	US	Colorado State University
Cactus-samples - Business Logic Plugins for Hyperledger Cactus	Rui Cruz, Rafael Belchior, Peter Somogyvari	Tzu-Shen Wang	Taiwan	Texas A&M University
Chaos Monkey Engineering in Umbra Scalability Tests	Raphael Vicente Rosa	Nima Afraz	Ireland	Trinity College Dublin
Declarative workload behavior definition for Hyperledger Caliper	Attila Klenik	Aastha Bist	India	Graphic Era University

Mentor and Mentee Cohort 2021

Project Name	Mentors	Mentee	Country	University
Documentation and Use Cases for Climate Action	Si Chen, Sherwood Moore	Dounia Marbouh	United Arab Emirates	Khalifa University
Extend HL Iroha queries with optional arguments	Grzegorz Bazior	Piotr Pawłowski	Poland	AGH University of Science and Technology
Extend secure DID Registry for Hyperledger frameworks on Github/Gitlab	Vinod Panicker, Arun Prakash Jothimani	Wei Yao	US	New Jersey Institute of Technology
Global Scouting of DLT / Blockchain Educational Opportunities	Alfonso Govela	Amit Chaudhari	India	SVKM's Institute of Technology, Dhule
Global Scouting of DLT / Blockchain Educational Opportunities	Alfonso Govela	Zhenming Yang	China	Tsinghua University
HL Burrow and HL Iroha extend existing Solidity VM integration	Grzegorz Bazior	Ayush Jalan	India	IT Roorkee

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Mentor and Mentee Cohort 2021

Project Name	Mentors	Mentee	Country	University
HL Iroha and HL Cactus Integration	Grzegorz Bazio, Peter Somogyvari	Han Xu	US	U of Illinois at Urbana-Champaign
Hyperledger Fabric - Hyperledger Aries Integration to support Fabric as Blockchain ledger	Kamlesh Nagware	Harsh Multani	India	n/a
Implement Client Side Security for Climate SIG Fabric Application	Si Chen, Vatsal M, María Teresa Nieto, Kamlesh Nagware	Bertrand Rioux	Saudi Arabia	King Abdullah Petroleum Studies and Research Center
Implement cross chain contract invocation using 'ServiceMesh' way	Kai Chen, Zhen Peng	Shritesh Jamulkar	India	National Institute of Technology Raipur
Implement two compiler passes for the Solang Solidity Compiler	Sean Young	Lucas Steuernagel	Brazil	AERONAUTICS INSTITUTE OF TECHNOLOGY
Operate Blockchain Network in an Efficient Way	Baohua Yang, Qiang Xu	Yuanmao Zhu	Canada	University of Alberta

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Mentor and Mentee Cohort 2021

Project Name	Mentors	Mentee	Country	University
Support Clique for Besu on HL Labs BAF	Sownak Roy	Roshan Raut	India	Pune Vidhyarthi Griha's College of Engineering and Technology
Support Decentralized Governance for Smart Contracts in Fabric Python SDK	Dixing Xu, Baohua Yang, Guillaume Cisco, Wang Dong	Qiwen Chen	UK	University of Liverpool
The Giving Chain	Bobbi Muscara, Jim Sullivan	Hardik Gupta	India	Graphic Era University
The Use of NLP and DLT to Enable the Digitalization of Telecom Roaming Agreements	Ahmad Sghaier Omar	Santiago Figueroa Lorenzo	Spain	University of Navarra
Visualization and Analysis of Cross-chain Transactions	Nuno J. Nunes, Sabrina Scuri, Rafael Belchio	Iulia Mihaiu	Romanian	Transilvania University of Brasov

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Open Source Culture

- Open source development is truly global. All cultures, all languages, all time zones, and all continents--yes, even Antarctica.

- Asynchronous in nature. Most collaboration is done via email, forum posts, mailing lists, and pull requests.

- Cooperation and consensus building is the **greatest challenge.**

- Because other people can't see your face or hear your voice, emotions are lost and intent muddled.

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Open Source Culture

"Be excellent to each other."

— Bill S. Preston Esq.

Many mentees haven't been involved in an open source project before it can be overwhelming/intimidating to start participating.

Here are some tips you can share to help you get comfortable:

Feel free to lurk
Seeing how your mentors and other community members interact will help you adjust and learn the social norms in the community

Don't wait for an invitation
Our tools and meetings are open by default, so feel free to jump in and introduce yourself, ask questions and share ideas

Read our Code of Conduct
Be sure to review the code of conduct and to follow the high standards of professional practice.

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

hyperledger.org/participate/collaboration-tools

Account
Sign up for a Linux Foundation account

Chat
Join the discussion on chat

Mailing Lists
Participate on the Hyperledger Mailing Lists

Github
Check out our code repositories

Wiki
Get the latest development updates from the wiki

Bug Reporting
Search for open bugs, or report a new one, in our bug database

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Working Remotely

- Establish routine
- Minimize distractions
- Nurture relationships
- Effectively manage time
- Set mini (daily or weekly) goals
- Regular and frequent check-ins with mentor(s) to stay on track
- Be mindful of timezones and others' communication preferences

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Recommended Read: Remote Working Survival Guide

How to Get a Head Start

- Review Hyperledger Code of Conduct
- Browse and take Hyperledger training and tutorials that may be relevant to your interest and project
- Create LFID and familiarize yourself with the collaboration tools
- Peruse relevant documentations and mailing list archives
- Reach out to mentor(s) to schedule weekly check in meetings. Spend one of the 1st meetings aligning on expectations, communication channels/norms/tools, any vacation or academic scheduling conflict
- Set up your development environment and tools and do some practice
- Start working on project plan with your mentor(s) that includes project objectives, milestones/deliverables, methodology, documentation. Project plan to be posted on the wiki for transparency by end of week 2

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Ongoing Expectations

Communicate: Keeping the line of communication open between you and your mento(s) will build trust, respect, and a positive relationship that facilitates the successful completion of the project.

- Schedule weekly check-ins to review progress, blockers, upcoming tasks
- Clarify communication channels/norms with you mentor(s), project team, and broader community: email, chat, calls, wiki, and etc.
- Be aware of communication challenges across time zones and language/cultural differences. Be on time for scheduled meetings and be respectful of your mentor's time (remember your mentors are volunteers)
- Don't be afraid to ask questions, be upfront about gaps in skill and knowledge
- Inform your mentor(s) of vacation or breaks in advance and plans to make up for lost days

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Ongoing Expectations

Connect: Gaining a broader understanding of the community, industry, and potential career paths can help generate new ideas and make your a more effective and long-term contributing member of the community.

- Take the initiative to network with other professionals beyond your immediate team that you come in contact with either remotely or F2F at hackfest, meetup, bootcamp, or conferences and etc.
- Use the mentees2021@lists.hyperleger.org mailing list to reach out to and connect with the current cohort of peer mentors
- Explore projects under the Hyperledger umbrella and how the community is organized, e.g. Working Groups and Special Interest Groups, and how you may be able to participate or contribute
- Attend/organize a Hyperledger meetup in your local community or on your campus

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Ongoing Expectations

Document: Documenting your progress, agreed-on project plan, weekly goals/tasks, milestones, changes/modifications helps keep yourself on track and others you work with on the same page.

- Develop a project plan at the start of the program and refine/revist/document changes as things progress
- Maintain a log to track your progress and consider using the log as the basis of discussions during your weekly check-ins with mentor(s)
- Work on project documentations as part of deliverables so that code can be used by others and to continue the development momentum

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

PR and Social Media Promotion

The Hyperledger social community is global and very large and can be a great way for you to promote the work you are doing with the Hyperledger!

- Follow Hyperledger on [Twitter,](#) [Facebook](#), [LinkedIn](#) & [Wechat](#). Tweet & retweet!
- Update your Linkedin profile with your mentee role at Hyperledger
- If your mentor has a social handle, follow them, tag them and thank them for their support
- Share publicly shareable advice, tips etc. that others in the community might find interesting.
- If you have a blog, Medium, Linkedin or other types of longer content tools write ongoing updates on your work and share
- Tag your social posts with #Hyperledger and we will reshare across channels!

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Important Dates and Logistics

- **June 1**: program officially begins
  - [Full time schedule](#): 12 weeks, June - August
  - [Part time schedule](#): 24 weeks, June - November
- **4 Evaluations**: at end of week 3, 6, 9, 12 for full-time mentees and 6, 12, 18, 24 for part-time mentees
- **Stipend**: mentee will received a midterm and a final stipend if in good standing following satisfactory midterm and final evaluations.
  - It may take up to 45 days for funds to be deposited so be patient
  - Detailed instructions on how to receive stipends in your initial signing packet
- **Travel Funding**: on hold for this year due to travel restrictions. We encourage mentors and mentees to blog and present (virtually) your collaborative work at an upcoming Hyperledger technical event or meetup to elevate the visibility of your contributions.

HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Questions?

LFX Mentee Guide

mentorship@hyperledger.org (staff)

mentees2021@lists.hyperledger.org (peer mentees)