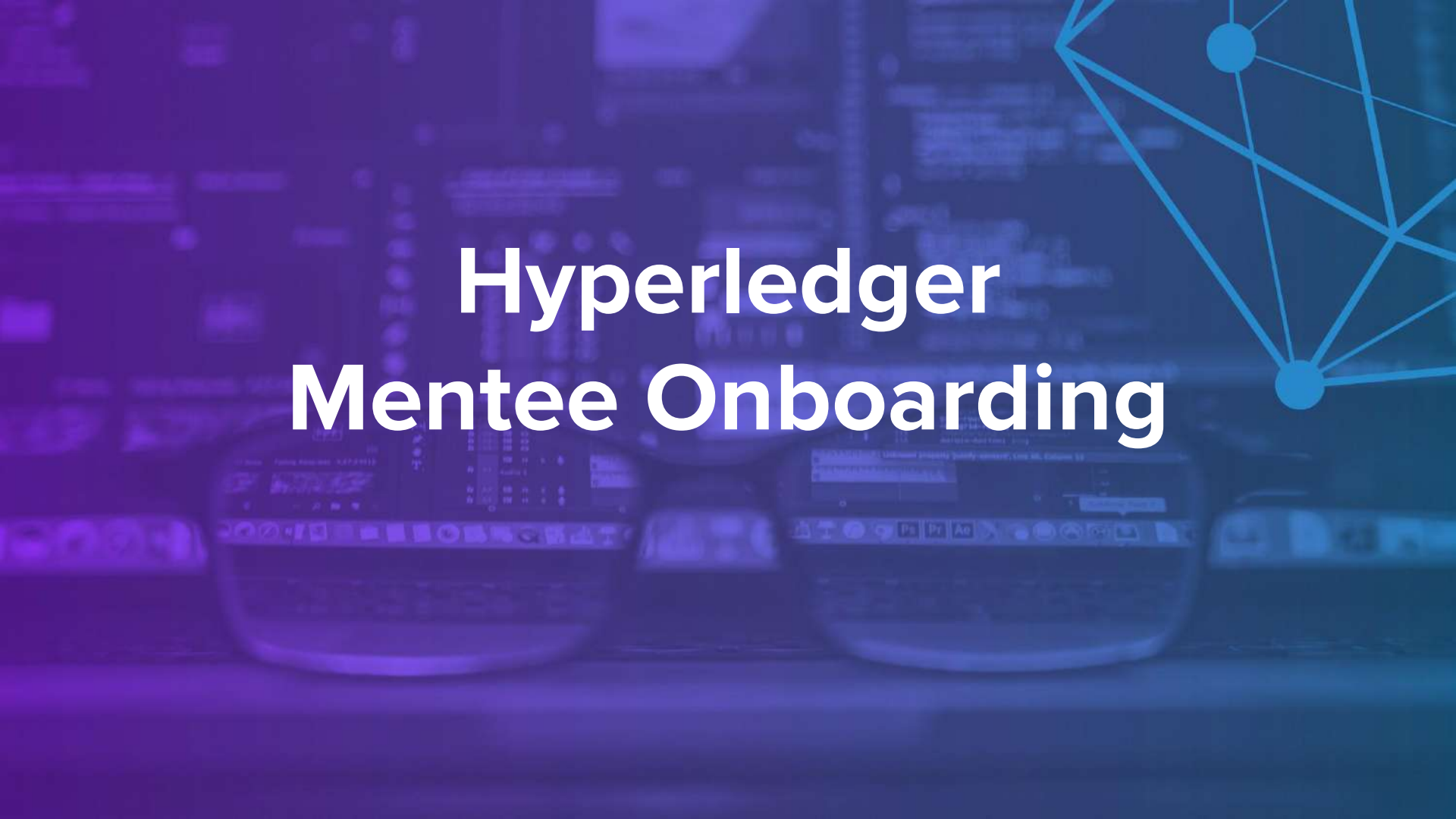
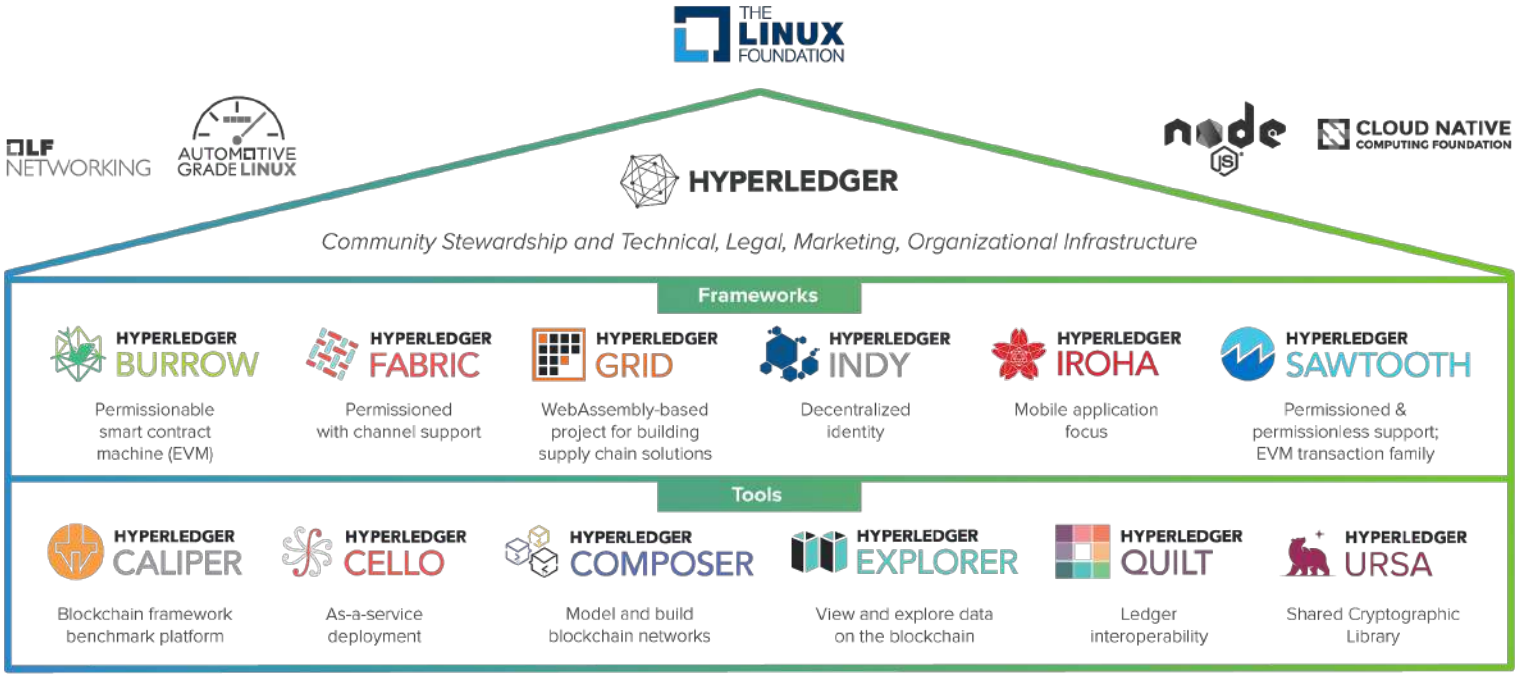

Hyperledger
Mentee Onboarding

Agenda

- Hyperledger and Program Goals
- 2019 Mentor/Mentee Cohort
- Collaboration in Open Source Community
- How to Get a Head Start
- What's Expected of You
- Key Program Dates

The Hyperledger Greenhouse



HYPERLEDGER
BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

View [Project Explainer Videos now!]

Open source collaborative effort to advance cross-industry **blockchain technologies**

Hosted by **The Linux Foundation**, one of the fastest-growing Projects in LF history

Global collaboration spanning finance, banking, IoT, supply chains, manufacturing and technology

Mentor and Mentee Cohort 2019

Project Name	Mentor and Affiliation	Mentee Name	University	Country of Enrolled University
Analyzing Hyperledger Fabric Ledger, Transactions, and Logs using Elasticsearch and Kibana	Salman Baset - Elastic	Balázs Prehoda	Budapest University of Technology and Economics (BME)	Hungary
Design Effective OS to Manage Blockchain Networks	Baohua Yang - Oracle Haotao Yue - IBM Tong Li - IBM Jiahao Chen - VMware	Manank Patni	Jaipur Engineering College and Research Centre	India
Fabric nodejs SDK security extension	David Liu - Mediconcen	Hengming Zhang	Fudan University	China
Git signing with DIDs	Richard Esplin - Evernym Dave Huseby - Linux Foundation	Ibrahim El Rhezzali	Telecom Paristech (int'l student from Morocco)	France
Hyperledger Caliper visualization	Jiang Feihu - Huawei Attila Klenik - Budapest University of Technology and Economics	Shengwei (Jason) You	Purdue University (int'l student from China)	US
Hyperledger configuration for project management in construction	George Blumberg - Oxford Brooks University	Tung Anh Nguyen	Korea University (int'l student from Vietnam)	South Korea

Mentor and Mentee Cohort 2019

Project Name	Mentor and Affiliation	Mentee Name	University	Country of Enrolled University
Hyperledger Fabric Based Access Control	Rafael Belchior - Técnico Lisboa Rui Cruz - Técnico Lisboa	Sara Rouhani	University of Saskatchewan, Canada (int'l student from Iran)	Canada
Hyperledger Sawtooth Explorer with ScanTrust	Ricardo Garcia - ScanTrust Andrew Backer - ScanTrust	Vlad Bormisov	Sterlitamak Branch of Bashkir State University	Russia
Hyperledger Umbra: Simulating Hyperledger Blockchains using Mininet	David Huseby - Linux Foundation	Raphael Vicente Rosa	University of Campinas	Brazil
Hyperledger Ursa integration into Hyperledger Iroha	Nikolai Yushkevich - Soramitsu	Alexander Matson	City College of New York	US
Integrate Solidity VM (from Hyperledger Burrow) to Hyperledger Iroha	Nikolai Iushkevich - Soramitsu Andrei Lebedev - Soramitsu	Ivan Tyulyandin	Saint-Petersburg University	Russia
Integration of Hyperledger Iroha into Hyperledger Explorer tool	Ales Zivkovic - Soramitsu	Ruslan Tushov	Innopolis University	Russia

Mentor and Mentee Cohort 2019

Project Name	Mentor and Affiliation	Mentee Name	University	Country of Enrolled University
IoT and DLT in a telecom multi carriers architecture	Laura Spinaci - Blockchain & Innovation Mentoring Lab	Nachiket Tapas	University of Messina	Italy
Raspberry Pi Indy Agent	Adam Burdett - Sovrin Foundation	Zeng Zixuan	Zhejiang University	China
Running Web Assembly Smart Contracts in Fabric	Morgan Bauer - IBM Jay Guo - IBM Swetha Repakula - IBM	Shubham Aggarwal	National University of Singapore (int'l student from India)	Singapore
Scaling Real World Hyperledger Fabric Deployments	Alejandro Vicente Grabovetsky - AID:Tech Nicola Paoli - - AID:Tech	Mohammed Iqbal Inzamam	University of Moratuwa	Sri Lanka
X.509 Certificate Transparency using Hyperledger Fabric Blockchain	Mahavir Jhawar - Ashoka University	Harsh Jain	Indian Institute of Technology	India

Program Goals

- To provide structured guided hands-on learning opportunities
- To coach how to participate effectively in open source community (collaborative culture, tooling, infra, etc.)
- To inspire mentees to become long-term active contributors
- To create a pipeline to a diverse, well-educated developer pool and to increase community health and sustainability
- To increase academia’s interest in the teaching and research of blockchain/distributed ledger technologies

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.

Open Source Culture

“Be excellent to each other.”

— Bill S. Preston Esq.

Yes, we understand. If you haven't been involved in an open source project before it can be intimidating to start participating.

Here are some tips for how to get comfortable:

Feel free to lurk

Seeing how 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 jump in and introduce yourself, ask questions and share ideas

Read our Code of Conduct

We've set and enforce high standards of professional practice from everyone you'll be meeting

hyperledger.org/community/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

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

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

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

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 mentees@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

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

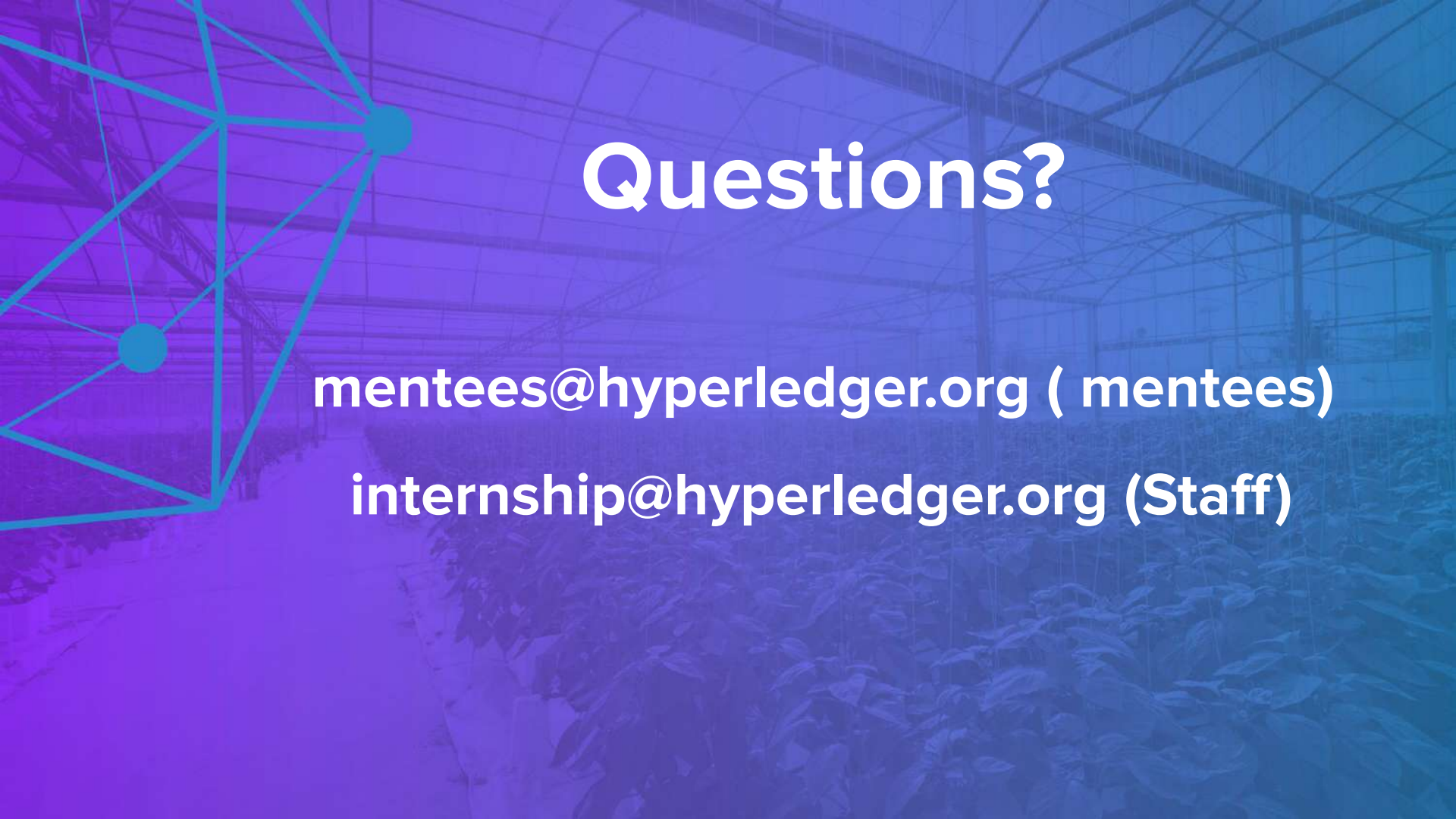
PR and Social Media Promotion

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!

Key Dates

- **June 3**: program officially begins
  - Full time: 12 weeks, June 3 - August 23
  - Part time: 24 weeks, June 3 - November 15
- **Evaluation**: quarterly at end of week 3, 6, 9, 12 for full-time mentees and 6, 12, 18, 24 for part-time mentees
- **Stipend**: paid quarterly following satisfactory evaluations
- **Travel Funding**: provided for mentees who successfully complete the program; event varies depending on Hyperledger event schedule during Q3 and Q4 this year


Questions?
mentees@hyperledger.org (mentees)
internship@hyperledger.org (Staff)