# GitHub Universe Recap

Universe 2019 TL;DR

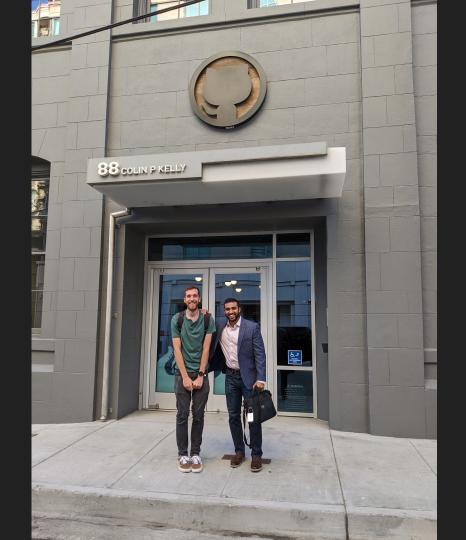
#### About me



```
Shimon Tolts {
   age: 31,
   title: "CEO & Co-Founder @ Datree.io",
   misc: ["Gamer", "Technologist",
        "Diver", "Skier"]
```



## **Day 1 Keynote**



### Stats

#### • 40M+ users across the globe

- 10M new developers on GitHub since October 2018

#### • 44M+ repositories across every continent on earth

- 44% more developers created their first repository in 2019 than in 2018

#### • Nearly 80% of users are contributing from outside of the US

- 87M+ pull requests merged since October 2018

### Secure your public repositories for a thousand years



▲ sebazzz 46 days ago [-]

Only to find a packages.json file without a packages-lock.json file checked in, to make it impossible to restore the node\_modules directory.

Get your code into the GitHub Arctic Code Vault

02/02/2020

34 :: 13 :: 19 :: 58



- <u>Security Advisories</u> submitting CVE's
- <u>Advisory Database</u> CVE's database
- Automated security updates (dependabot) automatically fix CVE's
- <u>Security Lab</u> bounties, CodeQL and research

### Automate your workflows, from code to cloud

• CI/CD - <u>GitHub Actions 2.0</u>

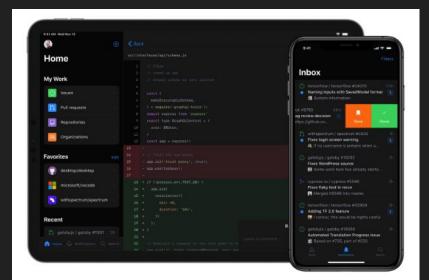
GitHub Actions general availability and the free use of self-hosted runners, artifact caching, and the ability to run Actions on ARM-based architectures like Raspberry Pi.

- Actions Marketplace
- Private registry GitHub Packages

A package management service that makes it easy to publish public or private packages next to developers' code

• Official mobile app (beta)

#### Also supports dark mode!



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#### • Notifications (limited beta)

An inbox experience (instead of emails) for notifications (similar to Octobox)

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#### • <u>Code review assignment</u> (beta)

Round robin and load balance

Team settings	Code review assignment				
General	Enable auto assignment				
Code review assignment	This will automatically route this team's code review requests to individual team members.				
Scheduled Reminders	How many team members should be assigned to review?				
	3-				
	Routing algorithm Round robin -				
	✓ Round robin Alternate reviews between each team member				
	ire team. Balance review load across the entire team				
	Save changes				

#### • Draft pull requests

Work in progress (WIP) PR

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	Write Preview	AAB <i>i "</i> 🖇 🕫 🗄 🖆 🖉 👫	No reviews—at least 1 approving review is required.
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#### New permission roles:

- Triage Recommended for contributors who need to proactively manage issues and pull requests without write access
- Maintain Recommended for project managers who need to manage the repository without access to sensitive or destructive actions

### Other announcements

- <u>Code search</u> (limited beta) GitHub is introducing a new search experience that will produce better results when searching code within repositories.
- <u>Code navigation</u> Developers can easily jump to definition and find all references, now available for all Ruby, Python, and Go repositories, with more languages coming soon.
- <u>Scheduled reminders</u> (limited beta) Any admin or maintainer of a team can set up scheduled reminders for pending code reviews.
- **Feature preview** A new way for developers to participate in pre-release features and share feedback throughout the process.

#### Links

- https://medium.com/@victorlin\_38374/recap-what-you-need-to-know-from-2019-github-universe-conference-bcf94a328b5f?
- GitHub Universe 2019: GitHub for mobile & more announced amid protests against ICE contract
- GitHub Universe 2019 TL;DR |> News and podcasts for developers
- New from GitHub Universe 2019: GitHub for mobile, automated workflows, and more