



GOUP



Keep it stupid simple

<https://kiss-conf.goupaz.com>

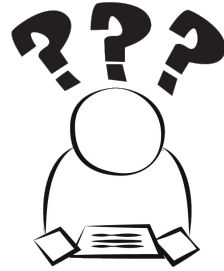
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Host: Huseyn Malik

THE GOAL OF MY SPEECH

CONFUSED STUDENT



UNIVERSITY



COMPANY



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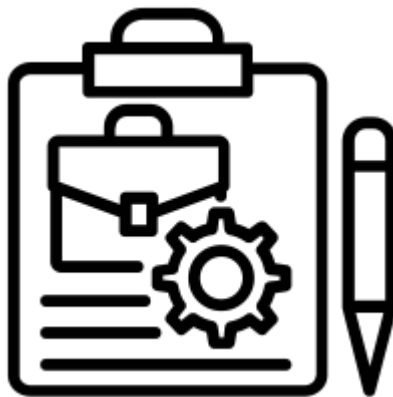
CONTRIBUTING OPEN SOURCE PROJECTS!

STUDENTS

EXPERIENCE & KNOWLEDGE



NON-EMPTY PORTFOLIO



USEFUL HABITS

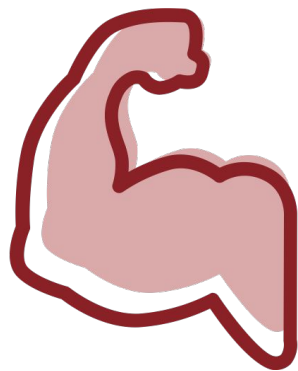


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DEVELOPERS

GAINING EXPERIENCE



JOB OFFERS



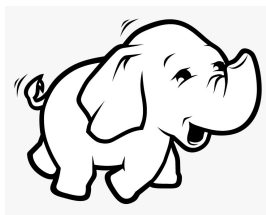
TO BUILD OWN
BUSINESS



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Examples of Successful Businesses and Products



android



PERCONA

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Building a cloud career with OpenStack

the Kilo OpenStack Summit in
Paris

Panelists are Niki Acosta, Ryan Yard,
Shamail Tahir, Kenneth Hui, Eric
Wright, and Aaron Delp



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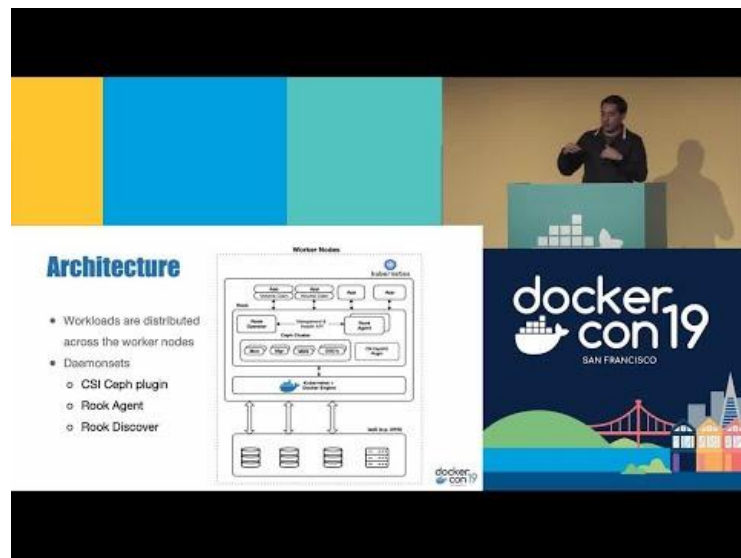




Open Source Summit: Kubernetes

Speakers:

- Michelle Au - Software Engineer, Google Arko
- Dasgupta - Software Engineer, Docker
- Jean Rouge - Sr Software Engineer, Docker
- Roberto Hashioka - Software Engineer, Docker



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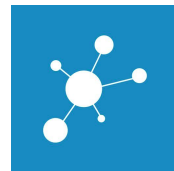
Top 5 open source network monitoring tools



Cacti



Nagios Core



Icinga 2



Zabbix



Prometheus

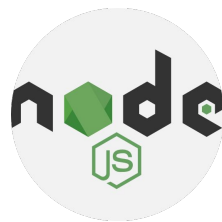
Top 5 open source programming languages



Python



R Language



NodeJS



Rust



Golang

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What are the prerequisites to join to open source community?

Working
experience in
Linux OS

Coding skills

Working
experience with
Git technology

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What is Open Source Software?

Short description from Wikipedia: Open-source software is a type of computer software in which source code is released under a license in which the copyright holder grants users the rights to study, change, and distribute the software to anyone and for any purpose. Open-source software may be developed in a collaborative public manner.

Open Source is eating the World :)

78 percent of companies runs Open Source software around the World. And 63 percent of them participates in development and improvements of Open Source projects.

Open Source is eating the World :)

Most companies from different spheres have to use softwares and tools to be able to compete and stay in the market. To decrease costs companies use competitive open-source products. That's why we can say with confidence that - Open Source is eating the World!

Big Companies make their products Open Source to improve them faster

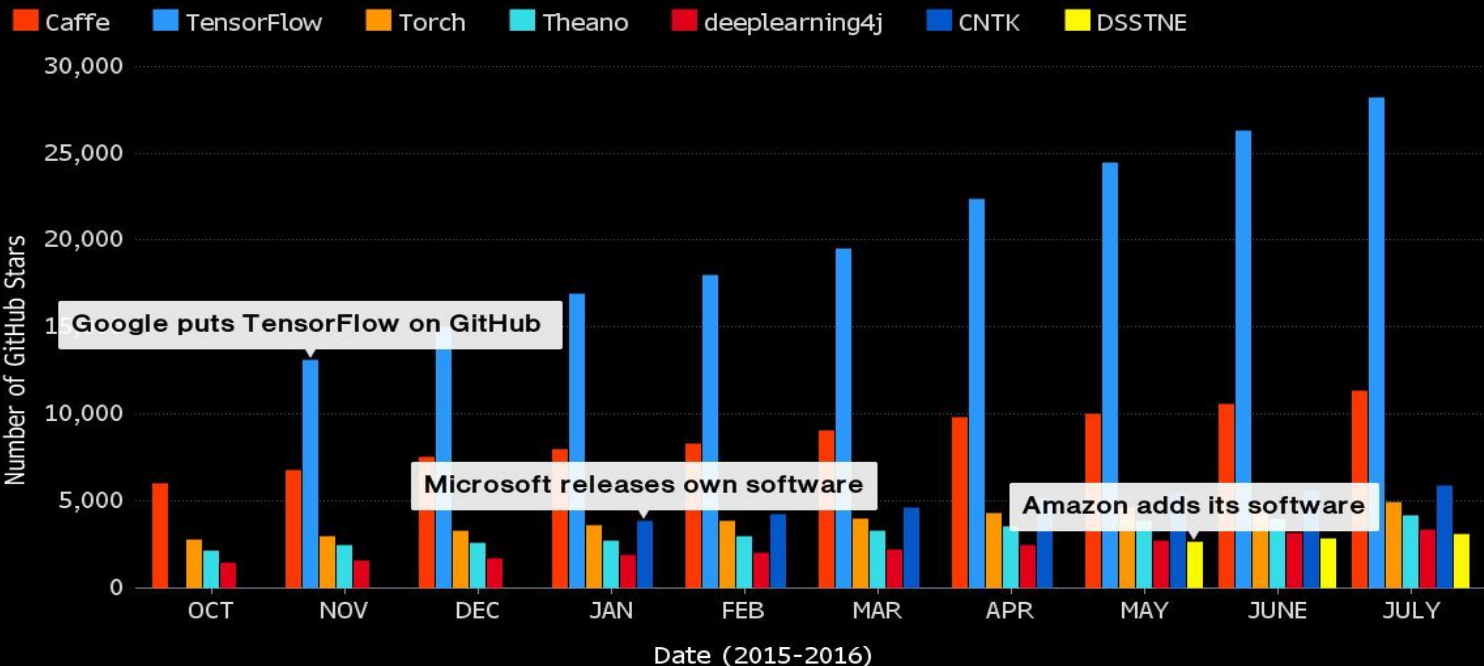
- Google: Kubernetes, Tensorflow and etc.
- Facebook: OpenCompute, HHVM, OpenCellular
- Twitter: Mesos / Aurora / Parquet / Heron
- Netflix: NetflixOSS Suite (<https://netflix.github.io/>)

Aggressive competition between big companies

Big companies like Google, Amazon and Microsoft are aggressively competing to change the direction of industry. This competition has recently become more prominent, especially in the field of artificial intelligence.

Google's AI Land Grab

Internet giant's TensorFlow AI software quickly draws big developer following



Source: GitHub

Bloomberg

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Open Source Projects of Big Companies

- Google: [Google Open Source](#)
 - “...tasked with maintaining a healthy relationship with the open source software development community”
- Facebook: [Facebook Open Source](#)
 - “...we’re keen users and publishers of open software. We'll keep you up-to-date with our new projects...”
- Intel: [Intel Open Source Technology Center: 01.org](#)
 - (“...international team dedicated to working within open communities.”)
- Sandisk (Western Digital): [SanDisk Open Source](#)
 - “...committed to open source and open standards through open source based innovation, contributions and memberships in consortia that support and nurture rapid innovation.”

Startup Open Source Programs

Even Microsoft :)

- <https://microsoft.com/opensource>
“Microsoft’s commitment to openness and collaboration is ingrained... These collaborations have enabled new scenarios for customers and partners to take open source software and integrate it with a Microsoft platform.”
- <http://todogroup.org/blog/why-we-run-an-open-source-program-microsoft/>

Even and even Governments!

Government Digital Service

Government Digital Service · GitHub

The Government Digital Service is a unit of the Government of the United Kingdom's Cabinet Office tasked with transforming the provision of online public services.

TODO Group

<https://todogroup.org>

Talk openly, Develop openly





Todo Members List



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Open Source Internship Programs for Students

<https://summerofcode.withgoogle.com/>

- Participates more than 100+ open source companies from Apache to Mozilla
- Paid trip and \$5,500 stipend to the summit of GCOS



<https://codein.withgoogle.com/>

- ## How it works

Home | Google Summer of Code 2019 | Chris

https://summerofcode.withgoogle.com

Google Code-in
Dec 2, 2019 - Jan 23, 2020

ABOUT ORGANIZATIONS TASKS | SIGN IN

Google Code-In

Google Code-In

Google Code-in 2019 - Winners were announced on Feb 10th 2020

Congratulations to the 3,566 students from 76 countries who completed 20,840 tasks with 29 open source organizations. We hope you enjoyed learning more about open source software development.

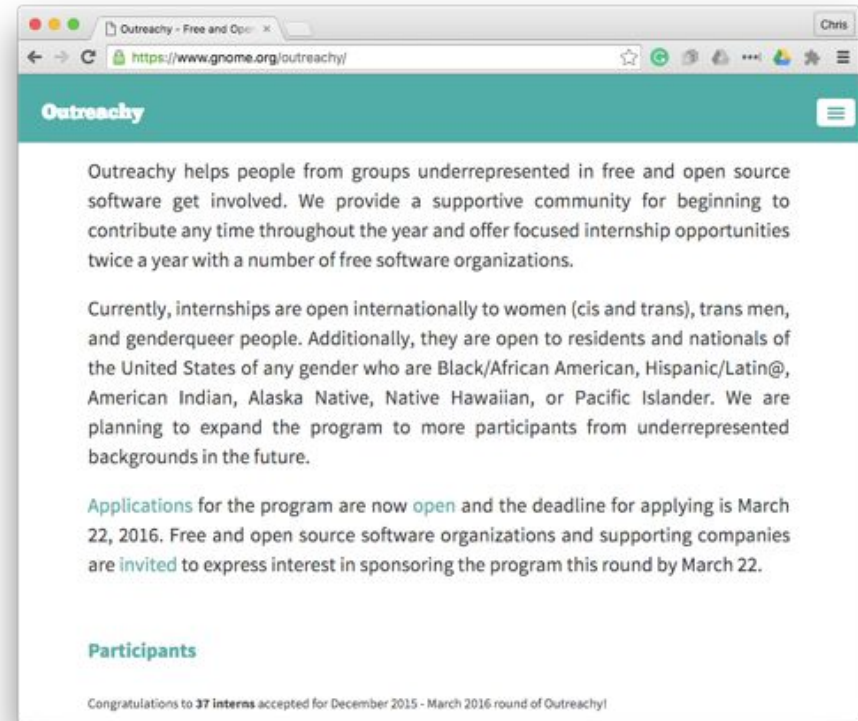
SEE WINNERS SEE COMPLETED TASKS



OUTREACHY

<https://www.outreachy.org/>

- Outreachy provides internships to work in open source and free software.
- Outreachy internships are open to applicants around the world.
- Interns work remotely, and are not required to move.
- Interns are paid a stipend of \$5,500 USD for the three month internship.
- Interns have a \$500 USD travel stipend to attend conferences or events.
- Interns work with experienced mentors from open source communities.
- Outreachy internship projects may include programming, user experience, documentation, illustration, graphical design, data science, project marketing, user advocacy, or community event planning.



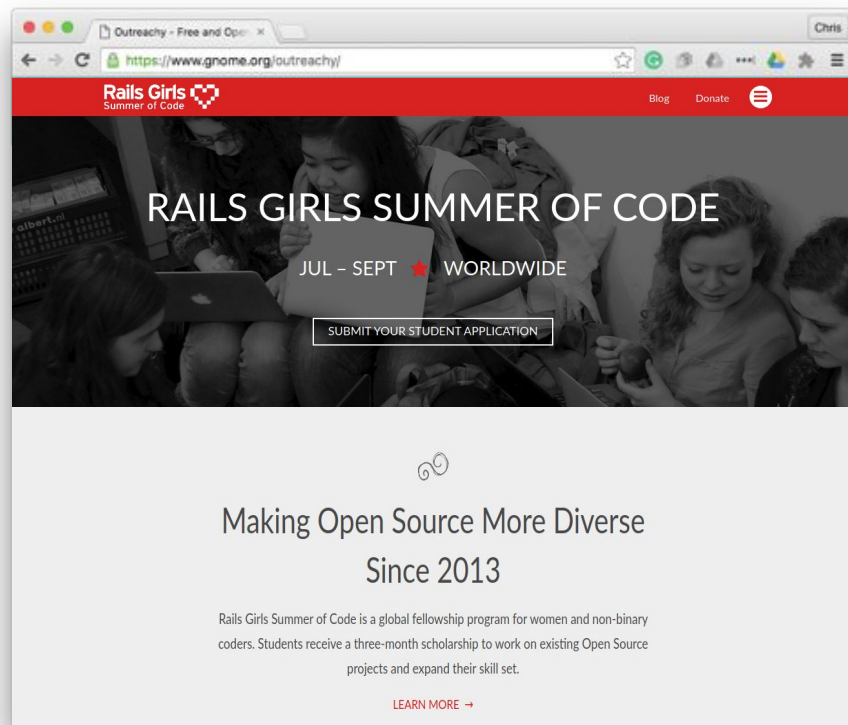
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RAILS GIRLS SUMMER OF CODE

<https://railsgirlssummerofcode.org/>

Rails Girls Summer of Code is a global fellowship program for women and non-binary coders. Students receive a three-month scholarship to work on existing Open Source projects and expand their skill set.



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Advices for Students

1. Creating open-source clubs and organize meetups at the University

Example: [The Open Source Club at The Ohio State University](#)

2. Attend open source conferences

Financial assistance programs:

- <https://us.pycon.org/2016/assistance/>
- <http://events.linuxfoundation.org/>
- <http://thestrangeloop.com/opportunity.html>

Thank you!