

# **Make the most of open source**

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# Who am I?

- Outreachy intern and Processing Foundation fellow
- Mentored with GCI, GSSoC, MWB, RHOSC
- SE @RedHat

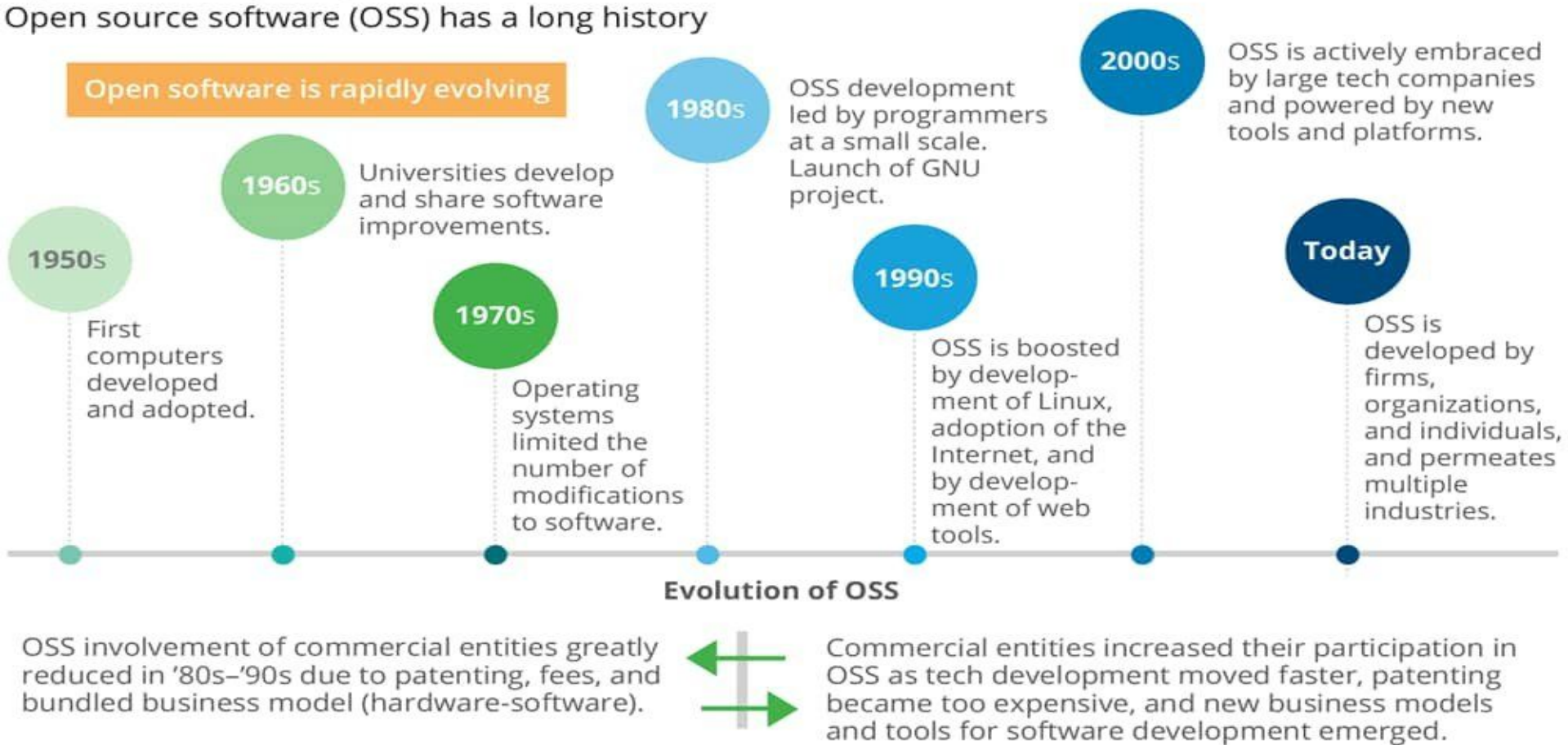
**What is open source?**

**“Open source** is a development methodology, free software is a social movement”

- Richard Stallman

## Figure 2. History of open source

Open source software (OSS) has a long history



Source: Longsight, available at <https://www.longsight.com/learning-center/history-open-source>, accessed September 12, 2017.

# Why open source ?

- Of course, it's free and accessible
- Connect with like-minded people
- Exercise control over code that you like(or don't)
- Learn about best practices
- Rapidly changing for the better
- Build a portfolio
- .....It's fun!

# Open source paves way for innovation

- Most secure and reliable solutions are open source.
- No need to reinvent the wheel, build on top of the best infrastructure and projects.
- Companies making their project open source for better quality. Example: Google's Kubernetes and Map reduce, TensorFlow, React, GraphQL, Docker
- Signal vs Whatsapp

# Why industry chooses the open source way?

- Open source helps in faster and easier adoption and development.
- They can now hire people who knows their in house tech.
- Open source projects becomes the de facto standard. Eg: Kubernetes for containers, React





Mac OS?

# How is open source changing lives ?

- People, irrespective of technical backgrounds unite to make software better
- No one judges you
- Web is more accessible
- It's everywhere (top 500 supercomputers run Linux)

# Open source Opportunities

- Mentorships and fellowships:
  - Outreachy
  - Google Summer of Code
  - GirlScript Summer of Code
  - Hacktoberfest
  - ...and lots more
- Makes way for new ideas, eventually leading to startups
- Opportunity to be mentor or a maintainer and take the power of community forward
- Speak at conferences and events and meet like-minded people
- Learn best practices in coding
- Gitpay and other platforms which provide single contribution economic benefits
- Bug bounty programs

# **Link to open source programs:**

**<https://github.com/tapaswenipathak/Open-Source-Programs>**

**“In real open source, you have the right to control your own destiny”**

- Linus Torvalds



# What can you contribute?

- Code
- Tests
- Bug reports
- Answering questions
- Documentation and blog posts
- Graphics
- User interface and User experience
- Volunteering and marketing in suitable platforms
- Organising meetups and/or conferences

# How do you get started?

- Learn basics about open source platforms
- Find your passion
- Find a project associated with your passion
- Talk to volunteers and/or project maintainers
- Find newcomer-friendly issues
- Integrate into the community
- Pass it on

# Get started here

[Language wise open source projects - GitHub](#)

[6 beginner open source projects - Opensource.com](#)

[Beginners guide to contribute to open source - Freecodecamp](#)

[Featured open source projects - Google Open Source](#)

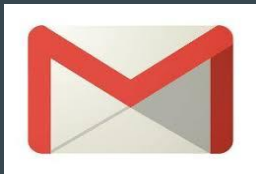




**Thank you**



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