



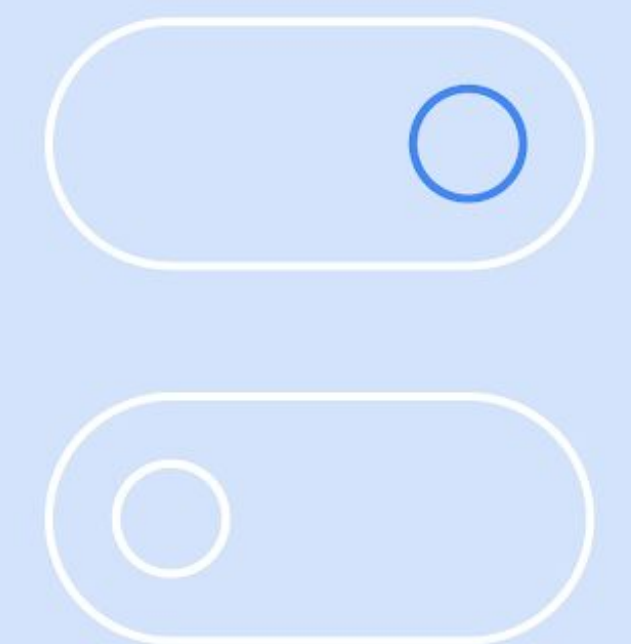
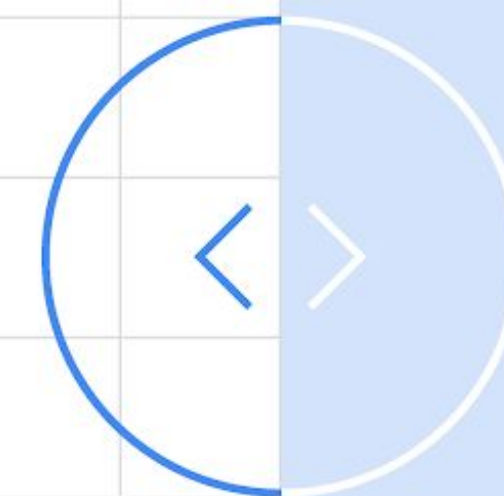
# Opensource - Why and How?

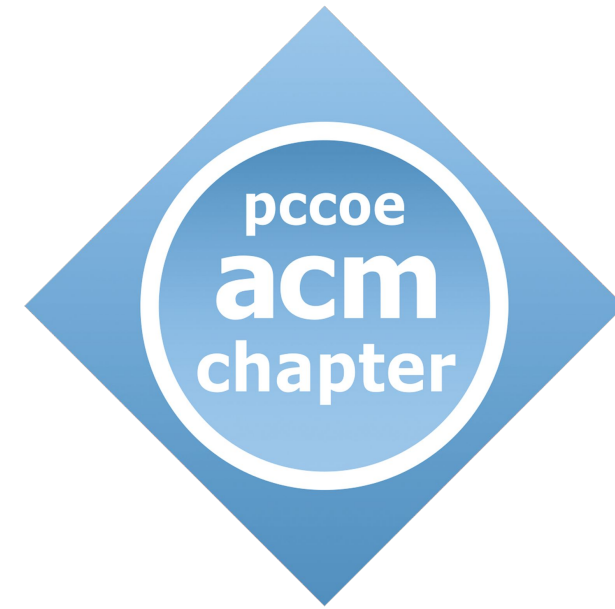
Intro to an awesome side of the Developer World

20th Sept 2020

11.00am IST

Google Developers





# PCCoE ACM Student Chapter & DSC PCCoE

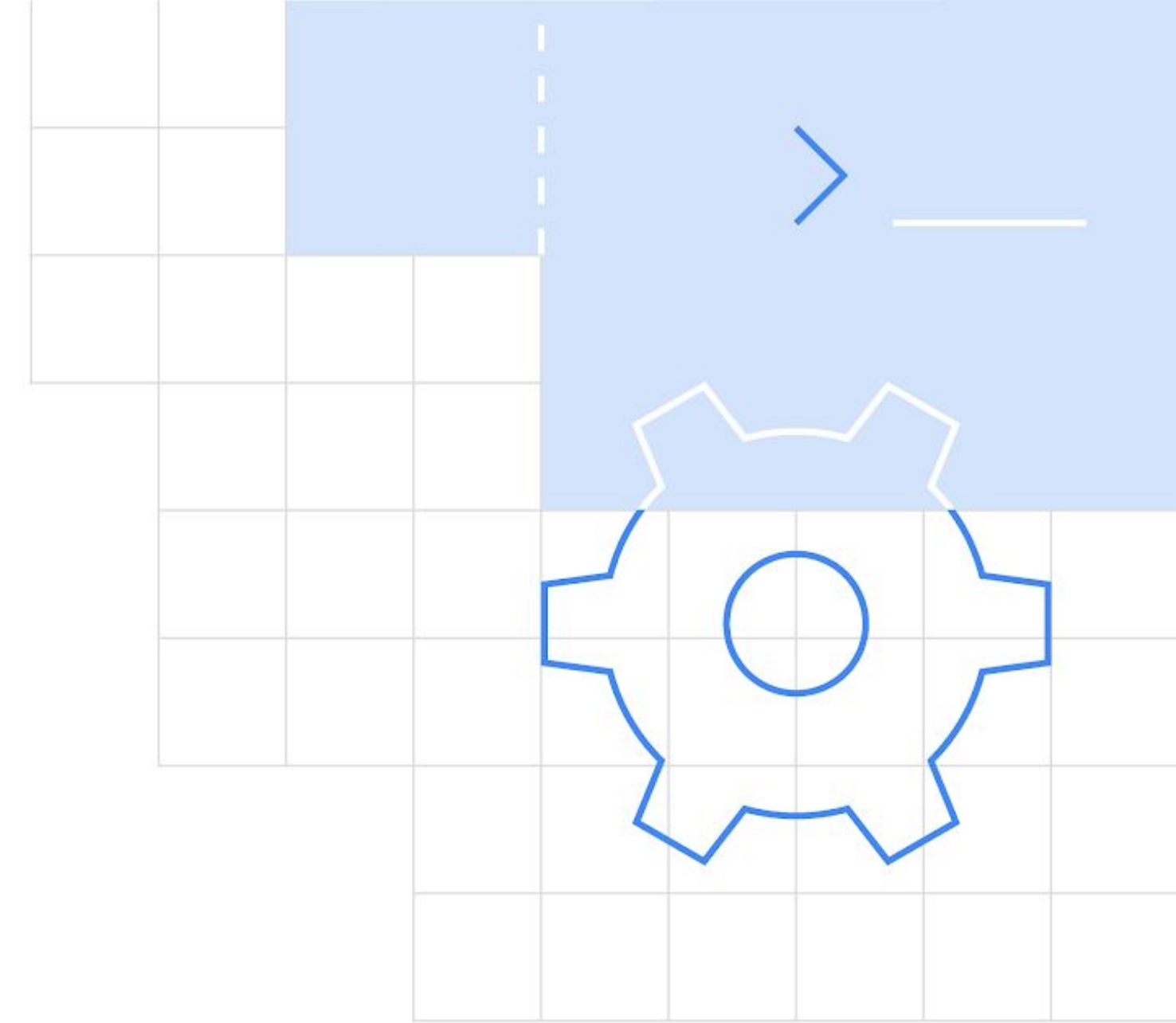
This session is brought to you by DSC PCCoE in partnership with PCCoE ACM Student Chapter at Pimpri Chinchwad College of Engineering, Pune.

# Why should you listen to me?

I'm not an expert but...

- I love Open Source!
- Maintained a handful of Open Source Projects
- Co-Founded [DevsCollab](#)
- **Attended a lot of sessions on Open Source**

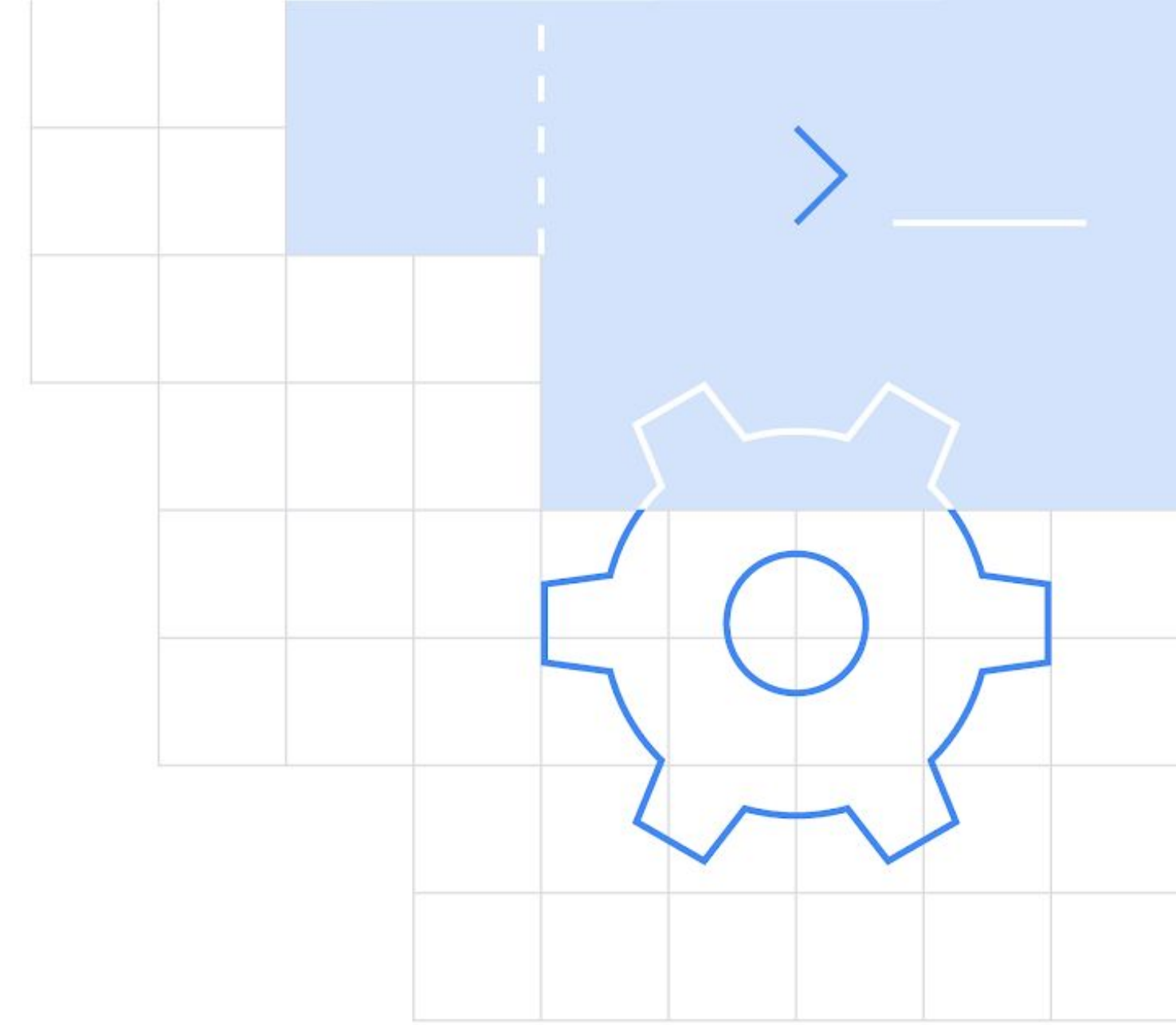




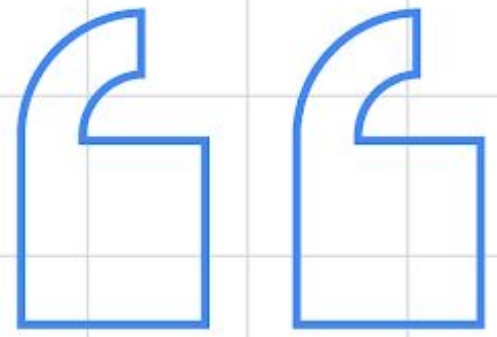
# What is Open Source?

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 use, study, change, and distribute the software to anyone and for any purpose.

- [Wikipedia](#)



# Why Open Source?



“Contributing to open source can be a rewarding way to learn, teach and build experience in just about any skill you can imagine.”

- Open Source Guide (<https://opensource.guide>)



ORACLE®



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intel



Adobe

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databricks



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GitHub



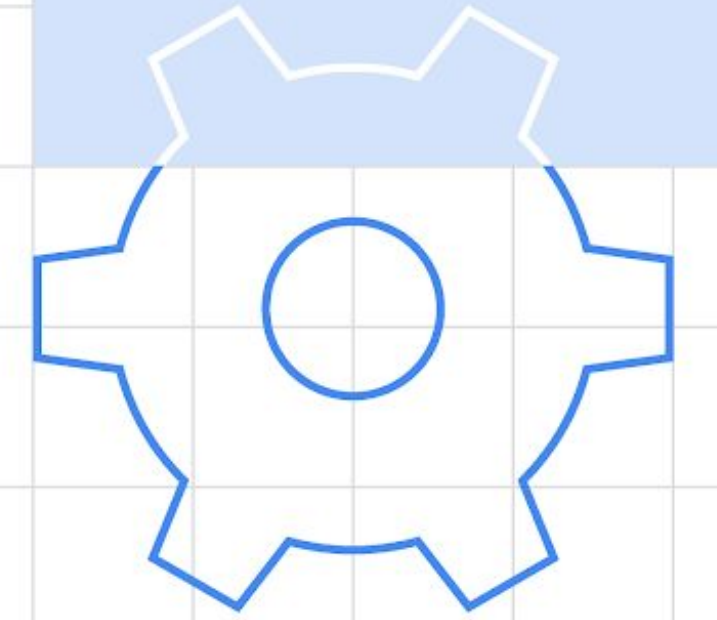
docker

SAP®

Google

FACEBOOK

# How to start Contributing?





# GitHub



Home to the world's largest community of developers  
and their projects...

Source: <https://github.com>

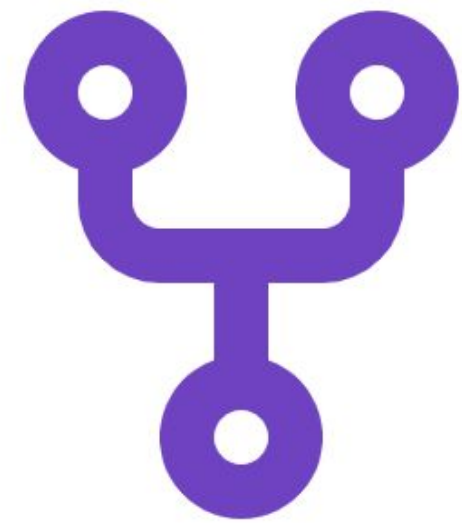
# Let's See What GitHub is...



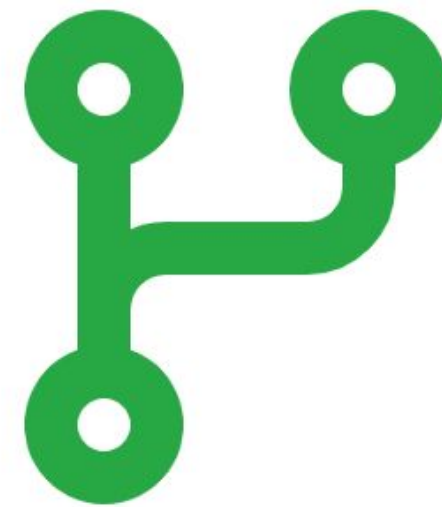
# Key Points



Issue



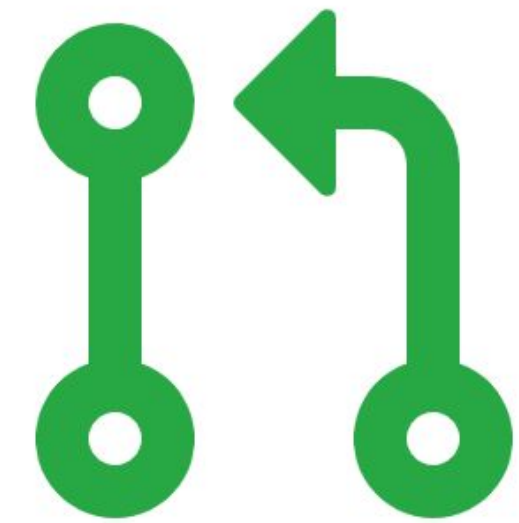
Fork



Branch



Commit

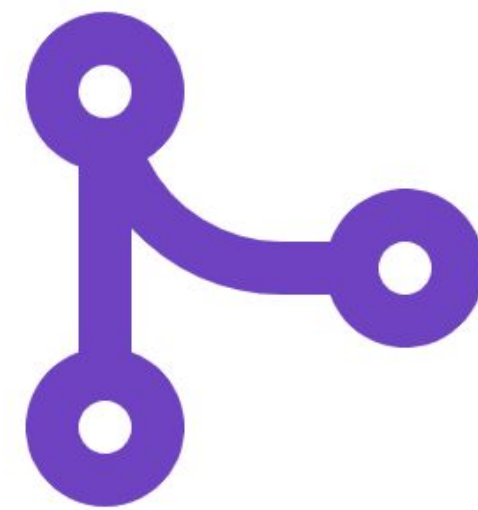


Pull Request

# Journey of a Change



Issue Opened

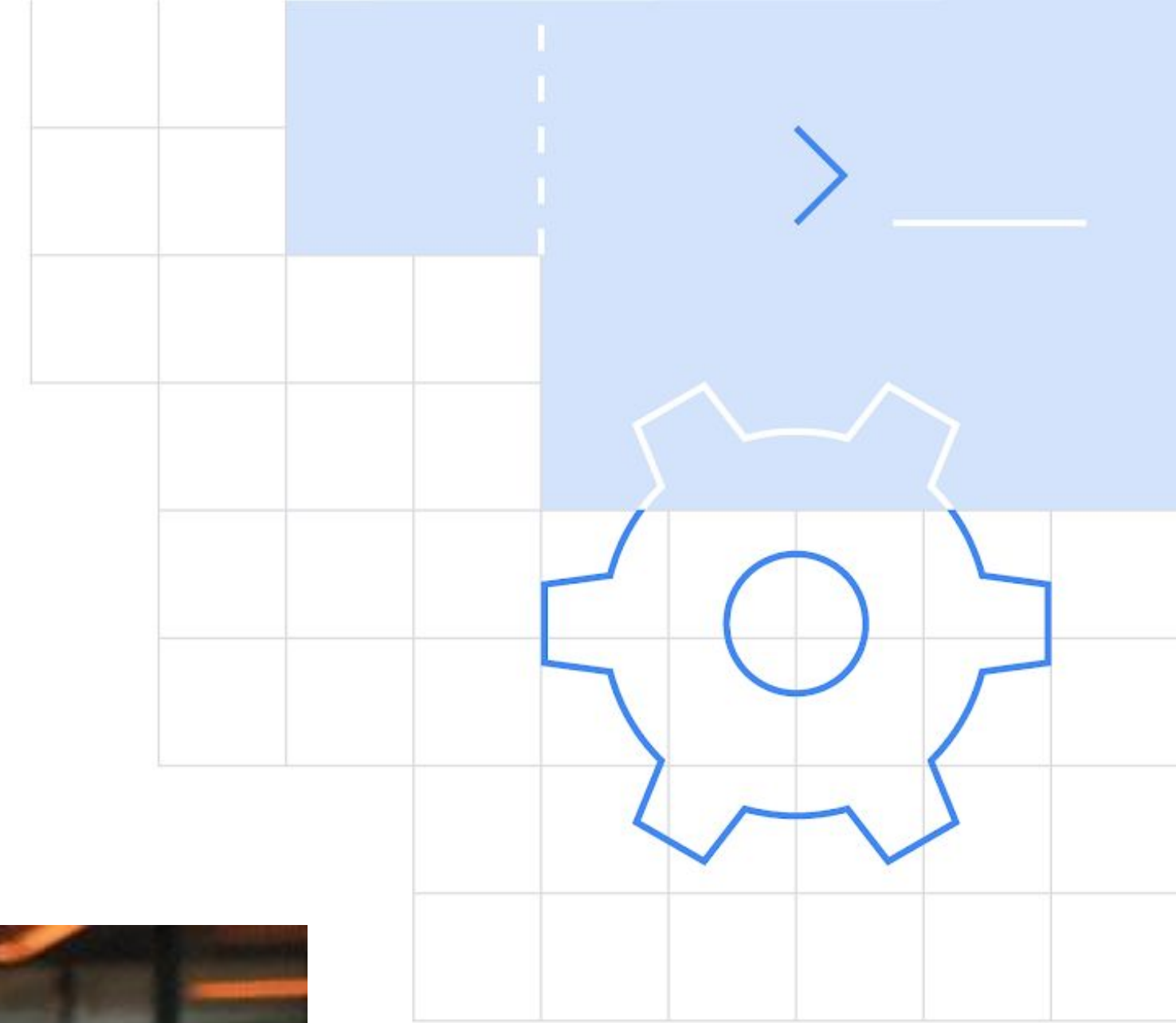
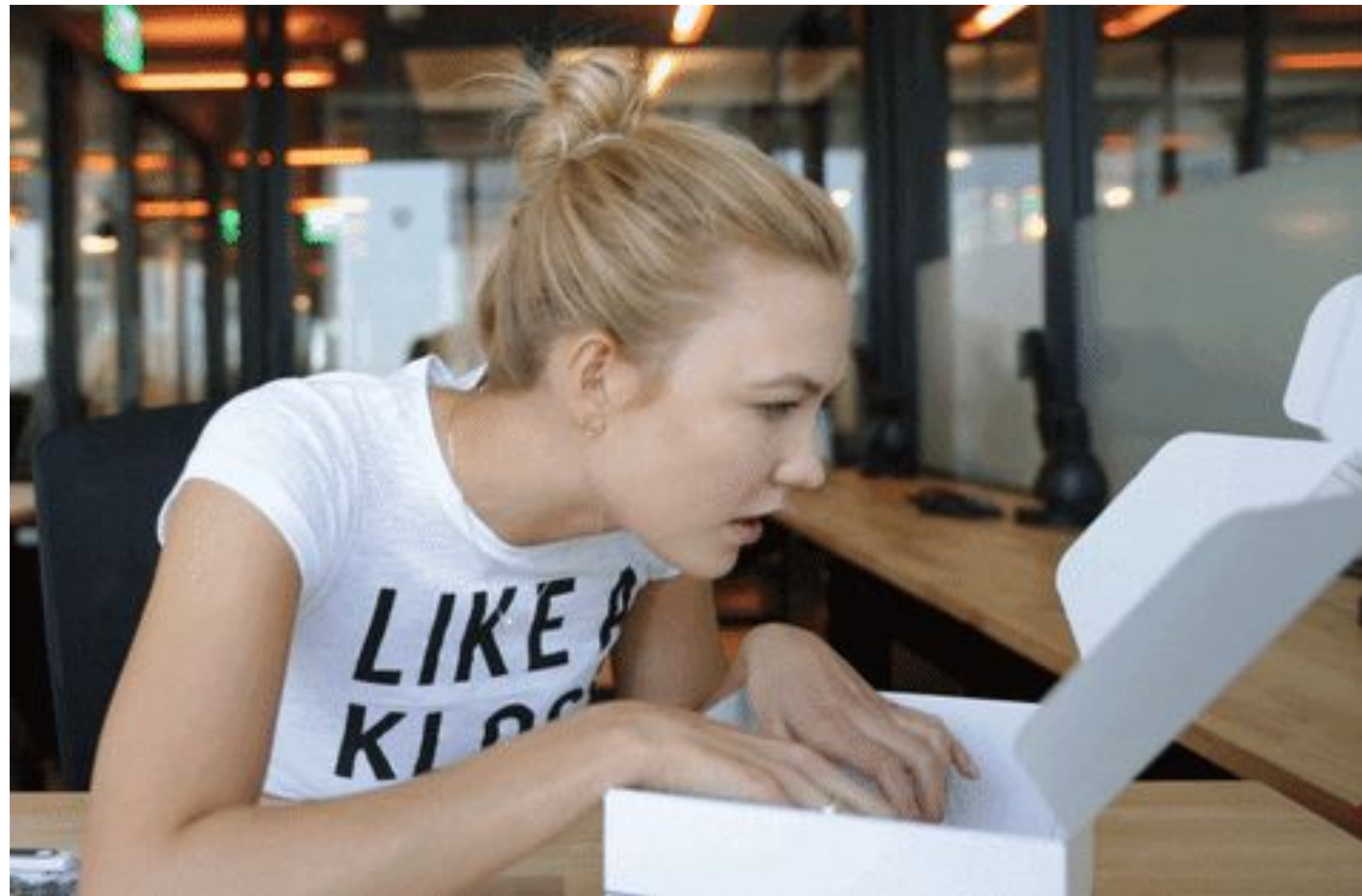


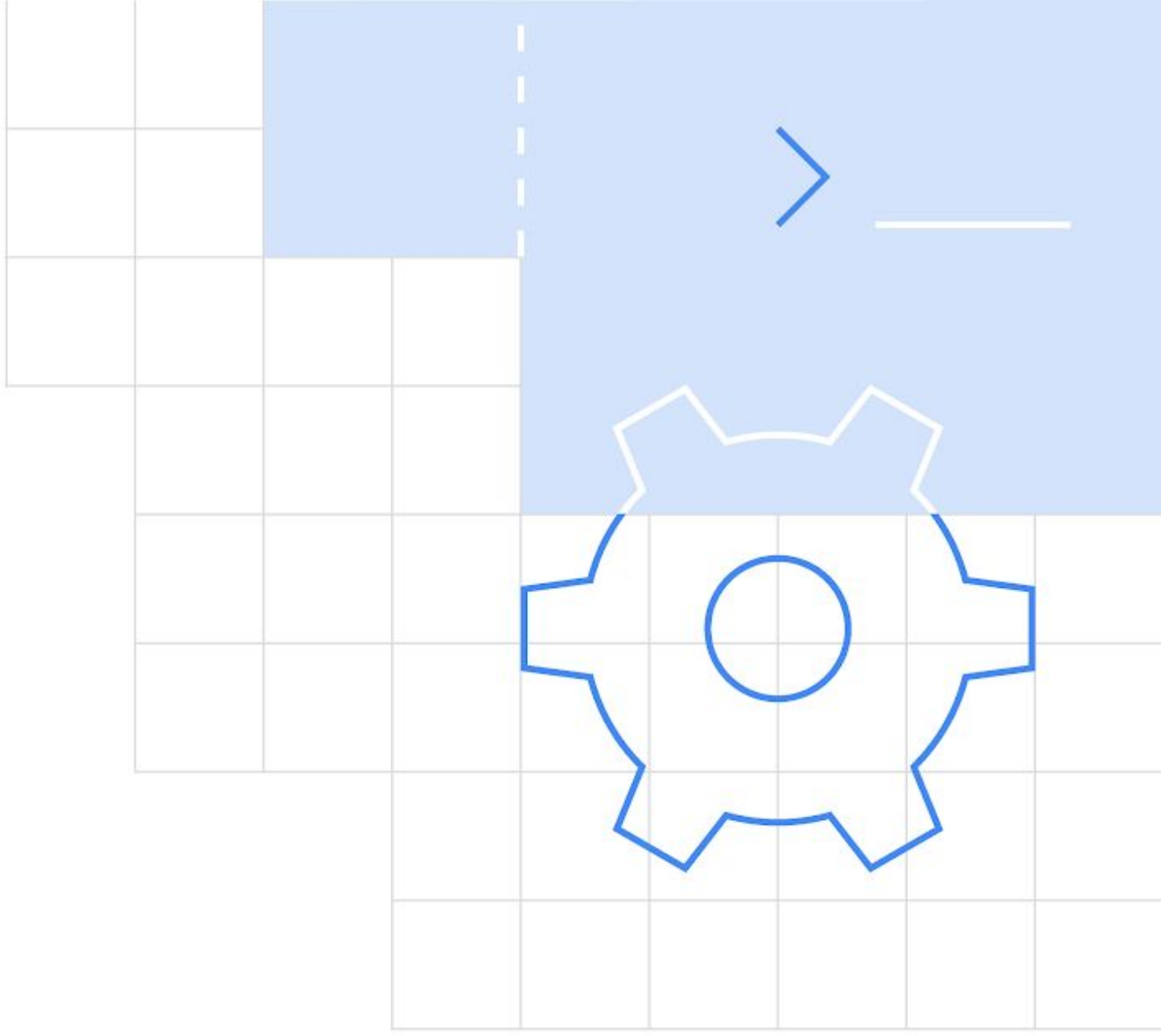
Pull Request Merged



Issue Closed

# Let's get our Hands Dirty!





```
git remote add upstream https://github.com/orgname/reponame.git
```

```
// only once to add remote upstream url
```

```
git pull upstream master
```

```
// make changes
```

```
git add .
```

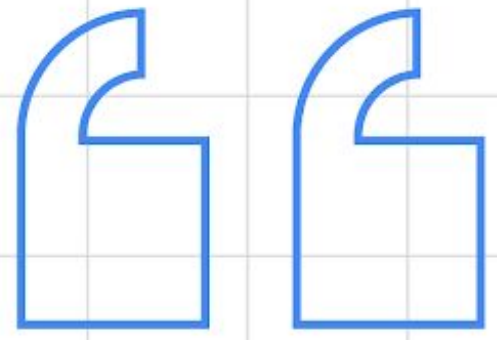
```
git commit -m "Commit message"
```

```
git pull upstream master
```

```
// resolve conflicts, if any
```

```
git push
```

```
// create a pull request
```



Documentation is a love letter that you write  
to your future self.

Damian Conway



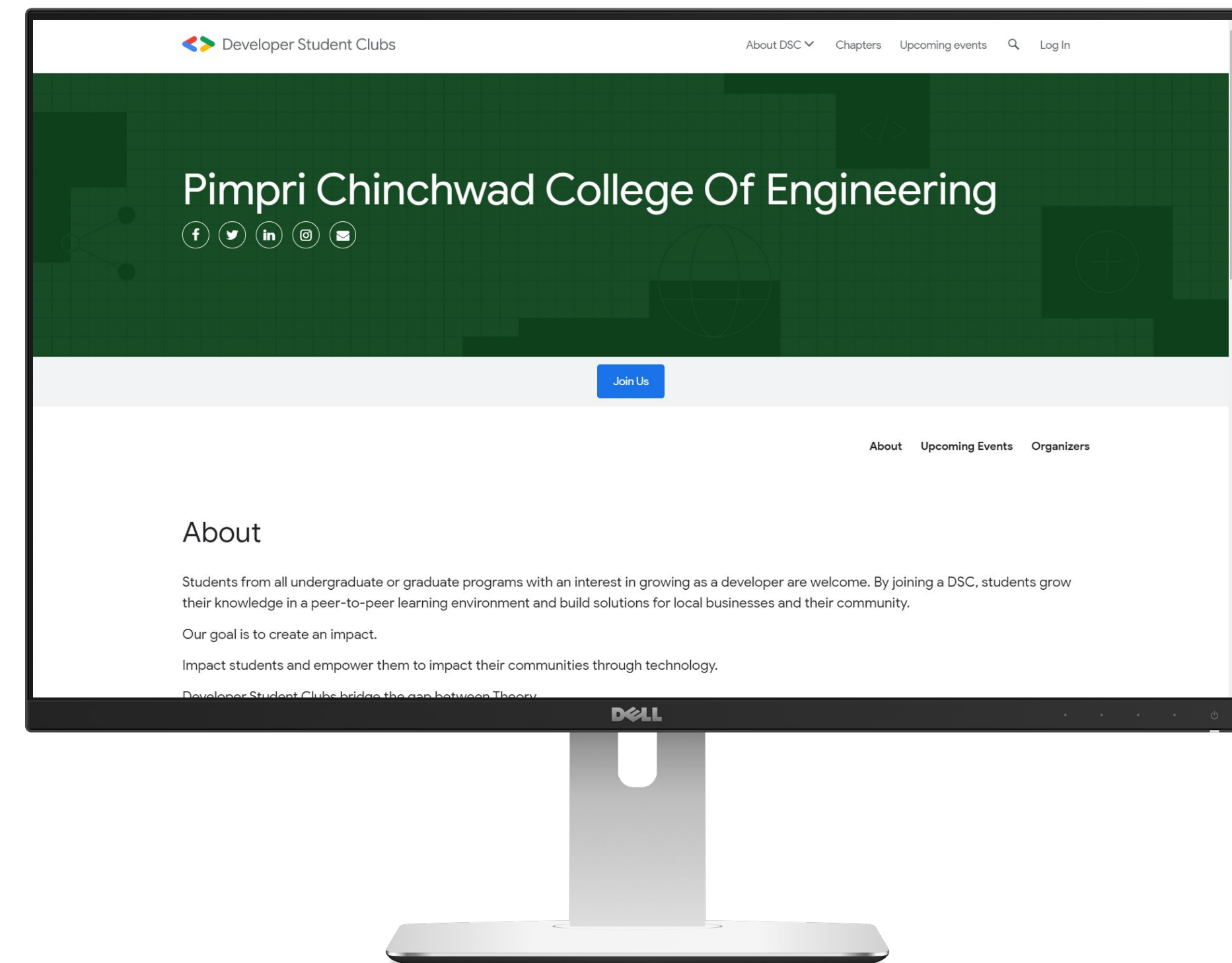
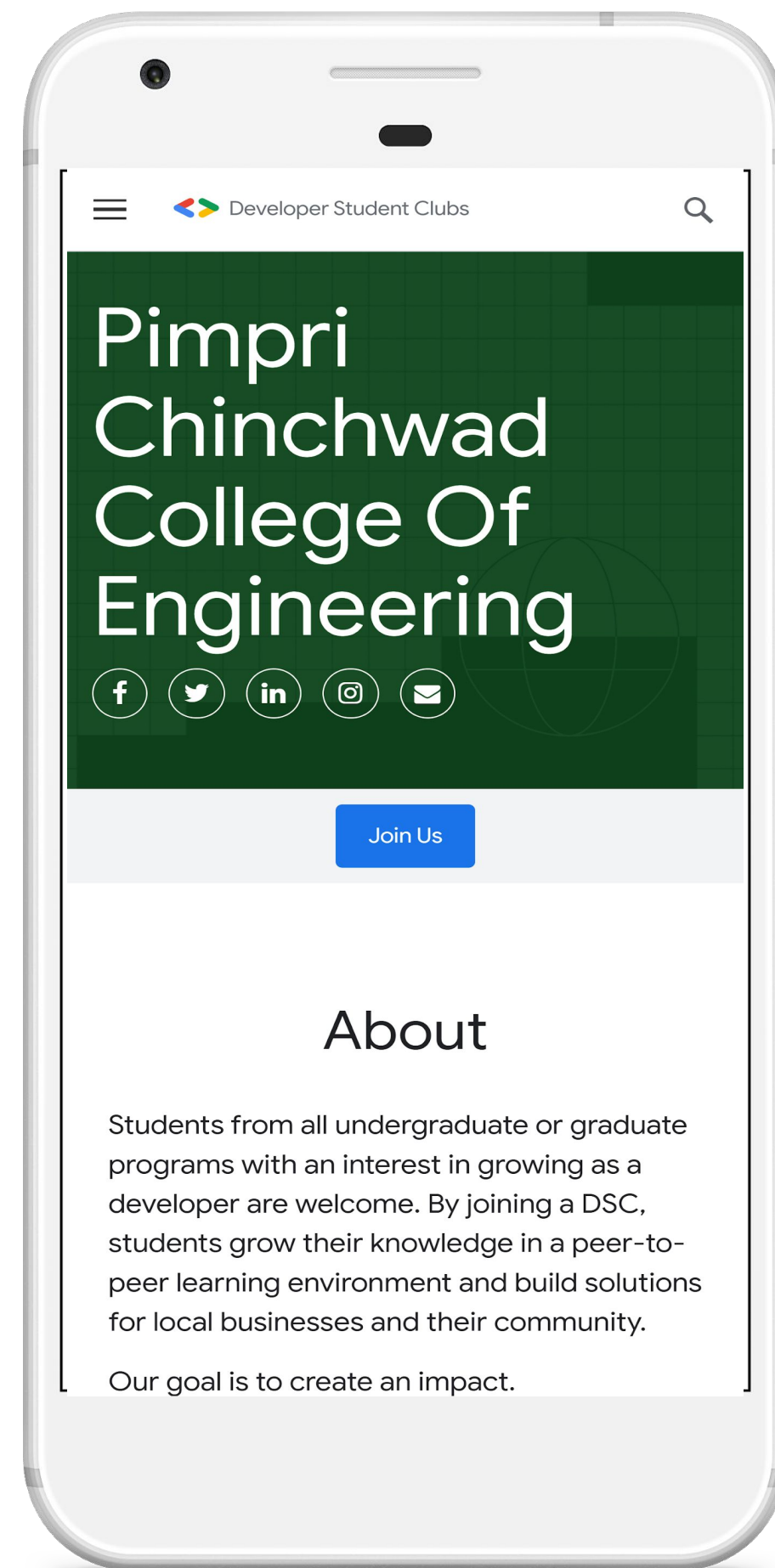


“ Open source itself is great, but the community is more important. It’s not just about contributing to this project or that project. You actually get to be part of the community and interact with people.

- Gift Egwuenu



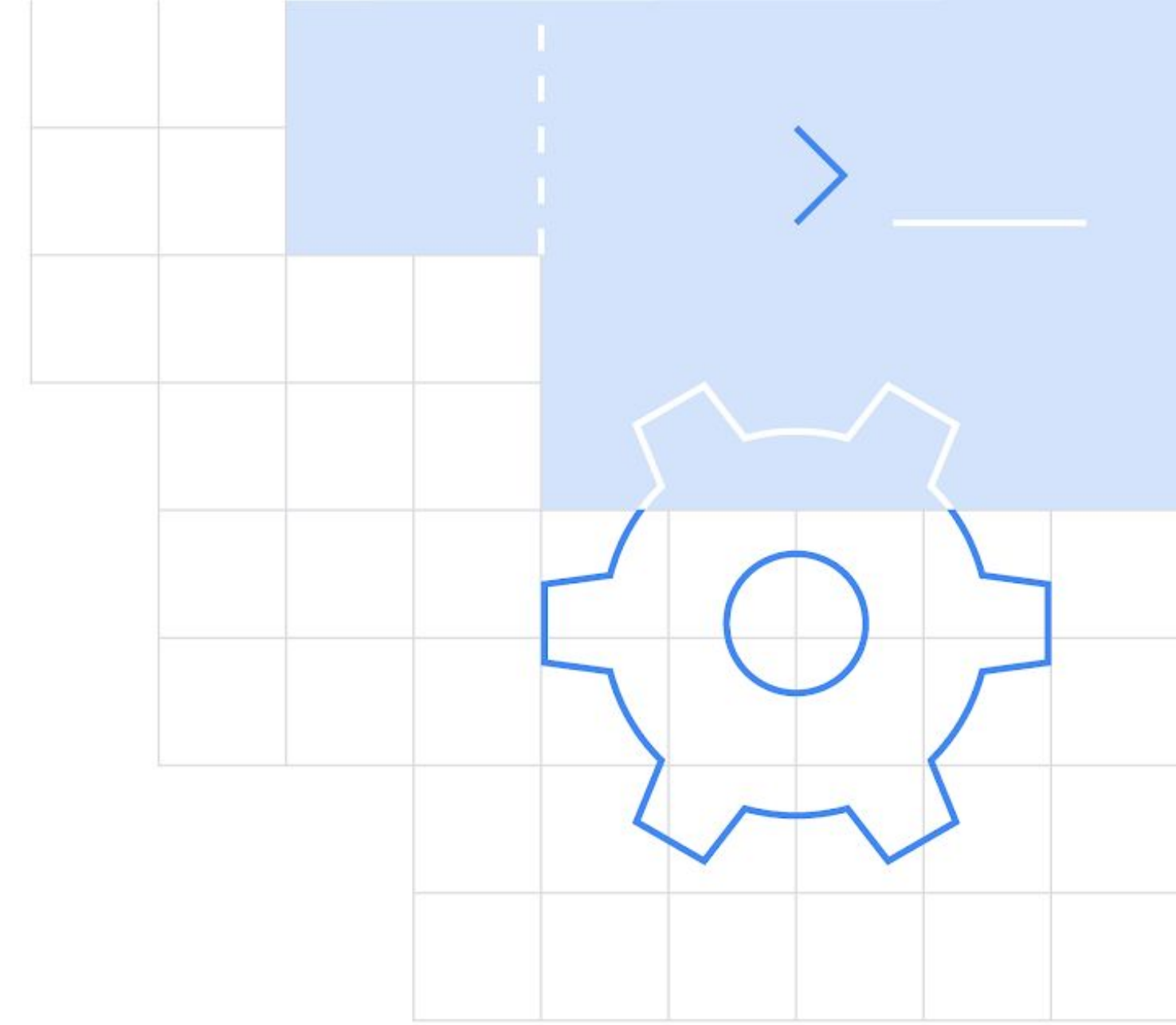
# Join us @ [bit.ly/join-dscpccoe](https://bit.ly/join-dscpccoe)



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# Question



# Thank You!

## Today's Speakers

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