



Google Summer of Code

// Stefan Gränitz :: 42berlin :: 17 February 2026

Google Summer of Code (GSoC)

What?

Why?

How?

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Why?

How?

What?

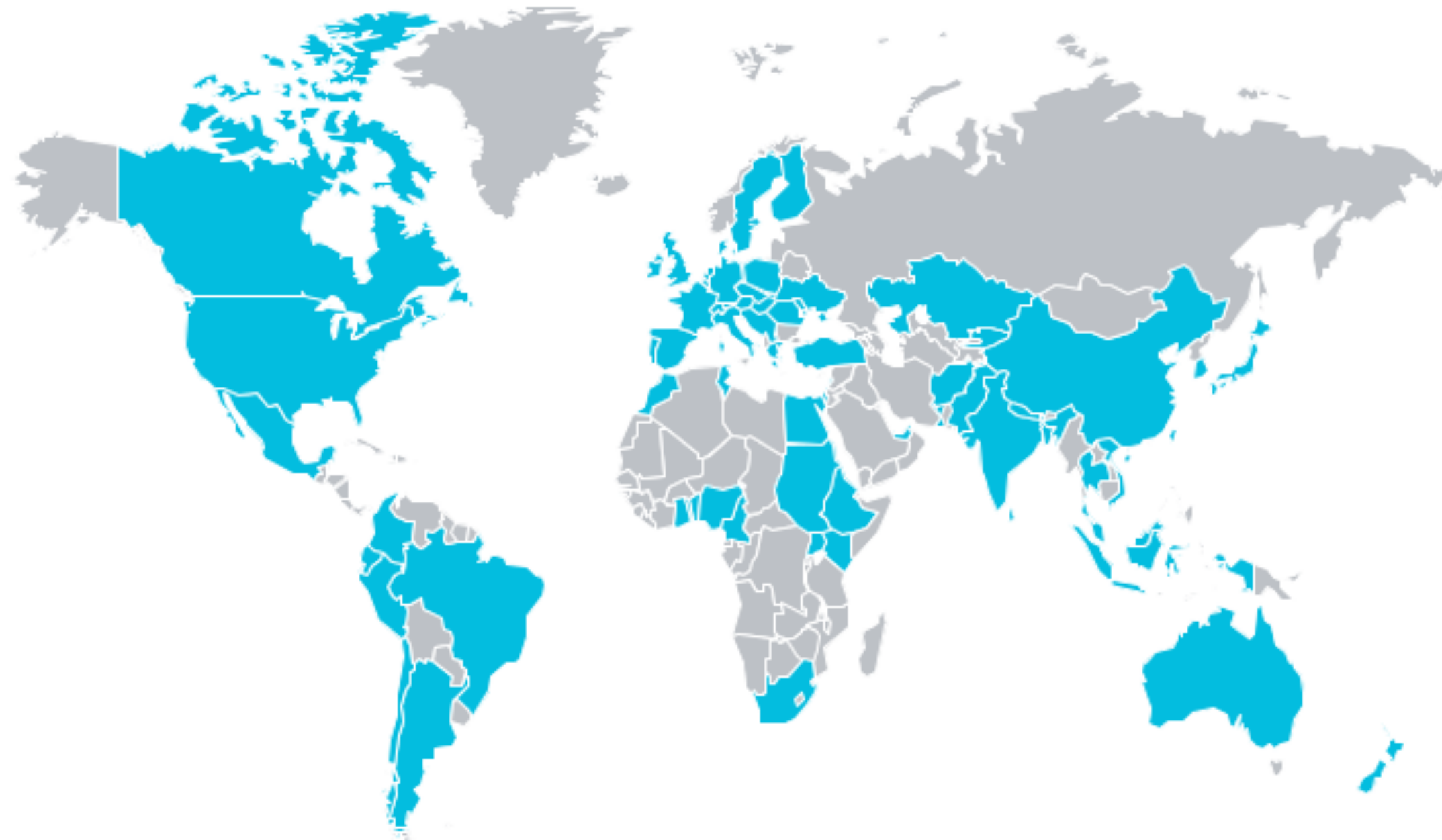
- Spend your summer working on open-source software
- Dedicated mentors guide you and review code
- Write reports for 2 evaluations: mid-term and final
- Get paid for 8 / 12 / 16 weeks of work: 1500 / 3000 / 6000 US\$
- Like a remote internship, but in a open-source community

What?

2024 general stats:

- Coding Dates: May 27 - August 19 = 12 weeks (for most)
- 1213 contributors from 75 countries
- 2233 mentors from 79 countries
- 195 open source organizations
- 92.91% overall success rate
- <https://developers.google.com/open-source/gsoc/resources/stats#2024>

What?



<https://opensource.googleblog.com/2018/05/google-summer-of-code-2018-statistics.html>

2018 students stats:

- India: 605 students
- United States: 104 students
- Germany: 53 students
- China: 52 students
- Sri Lanka: 41 students
- Russia: 35 students

Mentoring Orgs (2025)

52°North Spatial Information Research GmbH
AboutCode
Accord Project
AFLplusplus
Alaska
AnkiDroid
AOSSIE
Apache DataFusion
Apache Software Foundation
API Dash
ArduPilot
AsyncAPI
BeagleBoard.org
Blender Foundation
BRL-CAD
cBioPortal for Cancer Genomics
CCExtractor Development
Center for Translational Data Science
Ceph
CERN-HSF
CGAL Project
CHAOSS
Checker Framework
checkstyle
Chromium
CircuitVerse.org
CloudCV
CNCF
CRIU
D Language Foundation
Dart
Data for the Common Good
DBpedia
Debian
DeepChem
Emory University
Django Software Foundation
dora-rs
Drupal Association
Eclipse Foundation
Electron
Fedora Project
FFmpeg
FLARE
Fortran-lang
FOSSASIA
FOSSology
Free and Open Source Silicon Foundation
FreeCAD
freifunk
GeomScale
Git
GitLab
GNOME Foundation
GNSS-SDR
GNU Compiler Collection (GCC)
GNU Image Manipulation Program
GNU Octave
GNU Radio
Google DeepMind
gprMax
GRAMe
Graphite
Haskell.org
HumanAI

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Scan code for origin, license and vulnerabilities
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Record, convert and stream audio & video
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High-performance parallel programming language
Free and Open Source Software in Asia
Open Source License Compliance by OSS
Working together for Free and Open Source Silicon
Cross-platform 3D parametric modeler
Free and open wireless networks
Scalable geometric and statistical software
Fast, Scalable, Distributed revision control system
Everyone can contribute
A diverse and sustainable free software desktop.
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Internet Health Report
Invesalious
IOOS
JabRef e.V.
JAX and Keras
JdeRobot
Jenkins
Jitsi
Joomla!
JSON Schema
KDE Community
Keplay
Kiwix
Kornia
Kotlin Foundation
kro | Kube Resource Orchestrator
Kubeflow
KubeVirt
LabLua
Learning Equality
LibreOffice
libssh
Liquid Galaxy project
LLVM Compiler Infrastructure
Machine Learning for Science (ML4SCI)
MariaDB
MBDyn
MDAnalysis
Meshery
MetaBrainz Foundation Inc
Micro Electronics Research Lab - UITU
MIT App Inventor
Mixxx
National Resource for Network Biology
Neovim
Neuroinformatics Unit
NumFOCUS
omegaUp
Open Climate Fix
Open Food Facts
Open HealthCare Network
Open Robotics
Open Science Initiative for Perfusion Imaging
Open Science Labs
Open Technologies Alliance - GF0SS
Open Transit Software Foundation
OpenAFS
OpenAstronomy
OpenCV
OpenELIS Global
OpenMRS
OpenMS
OpenStreetMap
openSUSE Project
OpenVINO Toolkit
OpenWISP
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Advancing Computer Vision & Spatial AI, Openly
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Processing Foundation
Project Mesa
Prometheus-Operator
Python Software Foundation
QC-Devs
QEMU
R project for statistical computing
Rizin
rocket.chat
Rspamd
RTeMS Project
SageMath
Scala Center
ScummVM
Society for Arts and Technology (SAT)
LMU Munich
SQLancer
St. Jude Children's Research Hospital
stdlib
Stellar group
Stichting SU2
Sugar Labs
SW360
Swift
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Chromium

GCC

Git

Rust

Linux

libssh

Swift

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Eclipse Foundation
Electron
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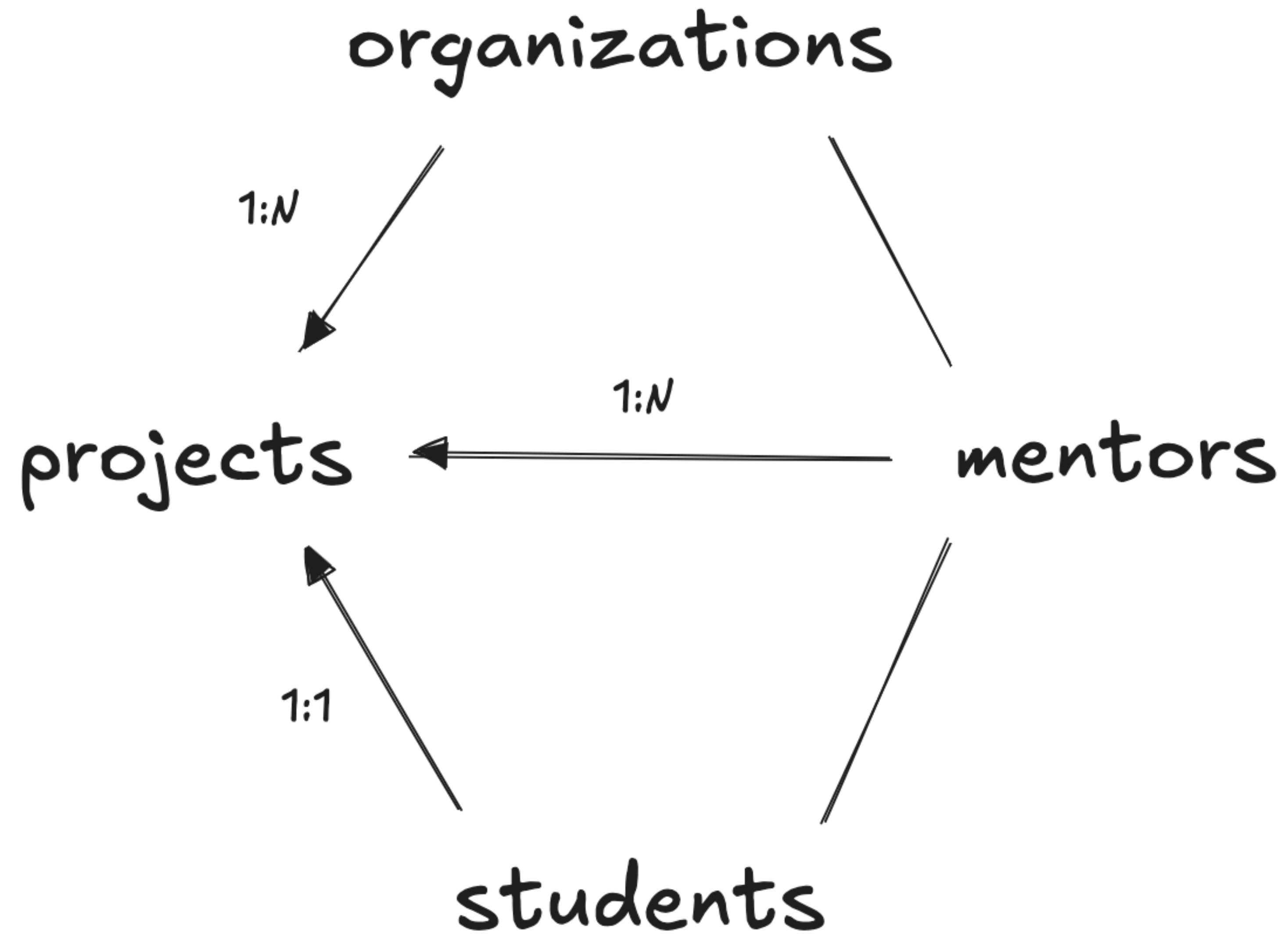
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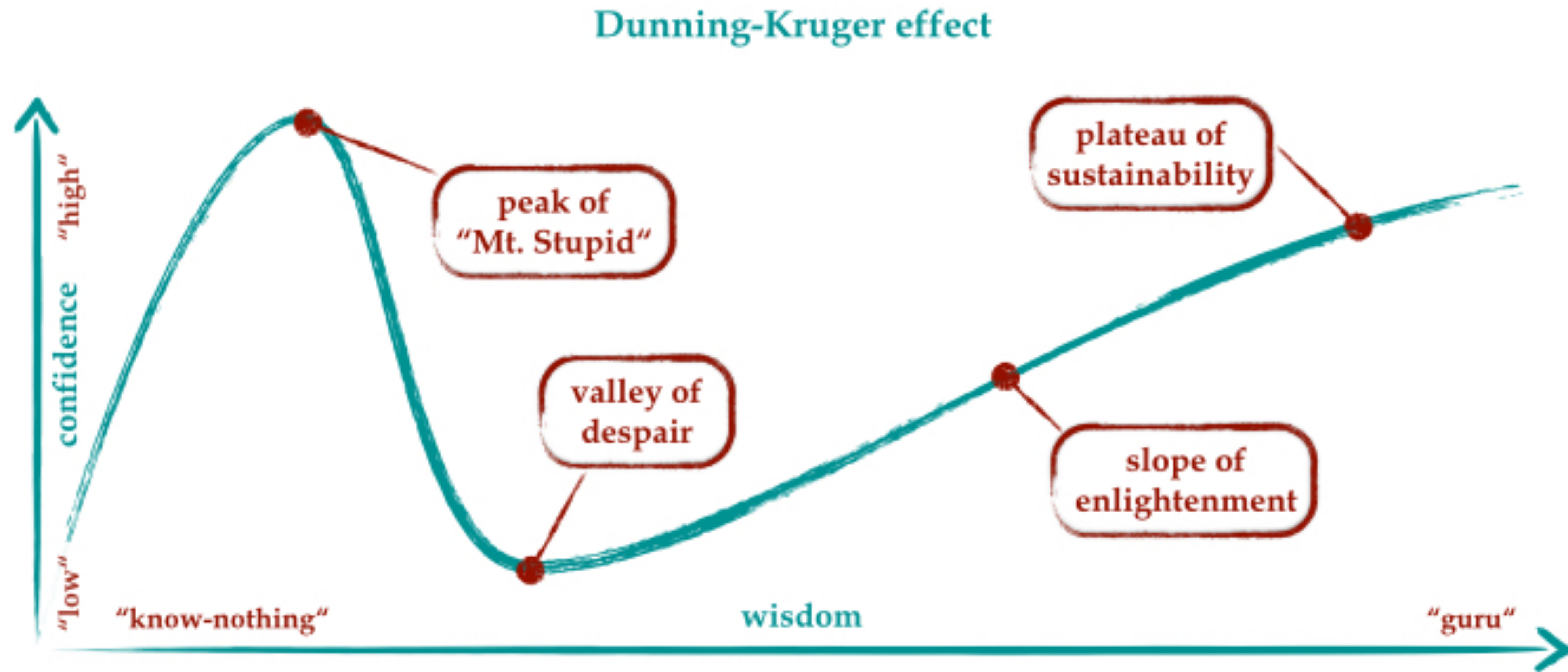
Why?

Learning subtle things

- “The more you know, the more you realize what you don’t know.”
- Often attributed to Aristotle or Socrates, describes a paradox where expanding knowledge reveals a larger, unknown, and more complex reality
- <https://understandinginnovation.blog/2015/07/03/the-dunning-kruger-effect-in-innovation/>

Why?

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Orgs propose projects

- Rust Foundation: 19 projects in 2025
<https://blog.rust-lang.org/2025/05/08/gsoc-2025-selected-projects/>
- LLVM Foundation: 18 projects in 2025
<https://discourse.llvm.org/tag/gsoc2025/163>
- ...

Students apply to projects

- Read project descriptions carefully
- Draft a proposal
- Reach out to mentors and ask questions
- Aim for conversations and "sell" your proposal to them
- Get maximum feedback on your proposal and fine-tune
- Hand in at least ONE DAY BEFORE the deadline

Organizations receive slots and select

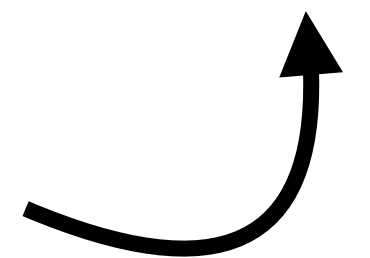
- Usually: #projects >> #slots they have available
- Selection is not formalized, but often based on:
 - project score = value for the organization
 - student score = likelihood of success
- Formally, they report their suggestions to GSoC, but modifications are rare

2026 GSoC Timeline

- Mentoring Orgs are announced: **February 19**
- Student Application Period: **March 16 – 31**
- Accepted Projects Announced: expect **May 1**
- Orientation Phase / Community Bonding: **~3 weeks**
- Coding Starts: **End of May**
- Midterm Evaluations after 4 / 6 / 8 weeks
- Final Evaluations after 8 / 12 / 16 weeks

Sunho Kim - LLVM 2022

- Project: "Write JITLink support for new format/architecture"
<https://summerofcode.withgoogle.com/archive/2022/projects/UEJ1lgrT>
- Proposal:
https://docs.google.com/document/d/1HdO_ZbUpL9ptTnHcOVYffP4-y8_B-xzIXB5jbtZQl94/edit
- Final Report:
<https://gist.github.com/sunho/36d6400a00498507bc2cae0b9d5c15a3>
- Co-mentored together with Vassil from CERN and Lang from Apple





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Questions?

// Stefan Gränitz :: 42berlin :: 17 February 2026