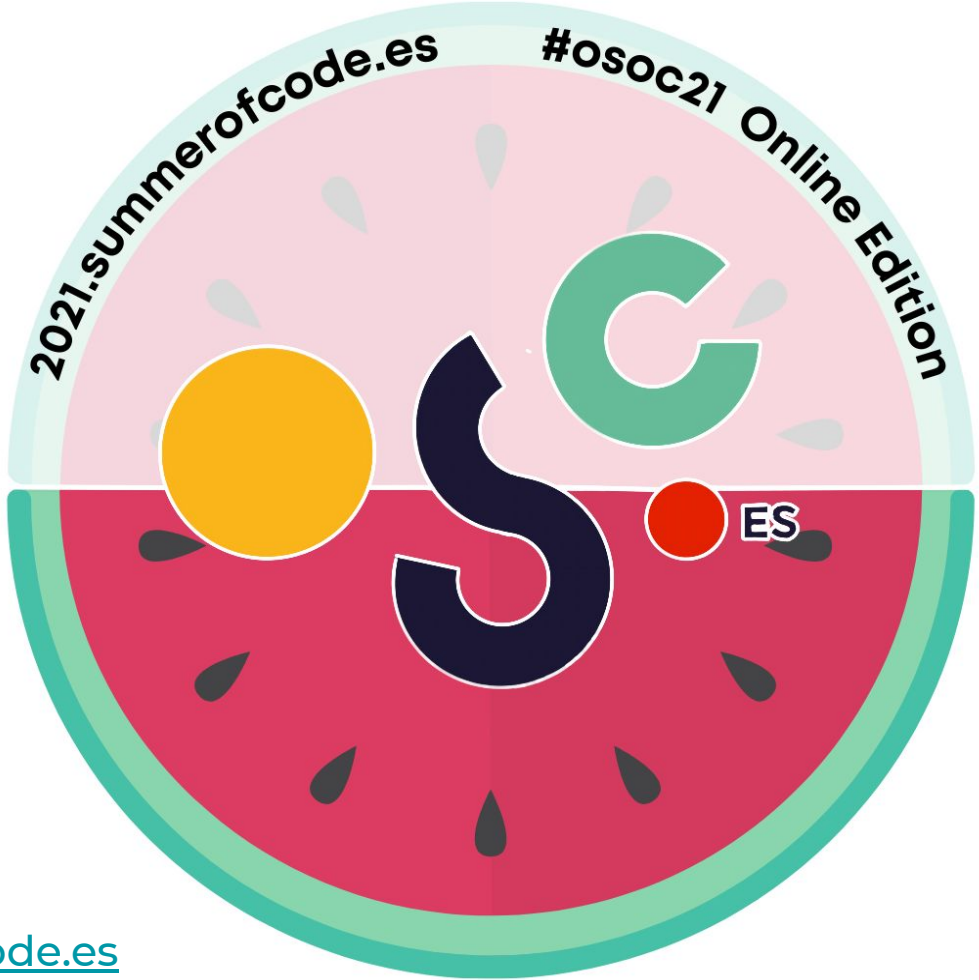
open
summer
of code

Ontology
Engineer
ingGroup



#osoc21
https://summerofcode.es

@oSocode_es

Hello!

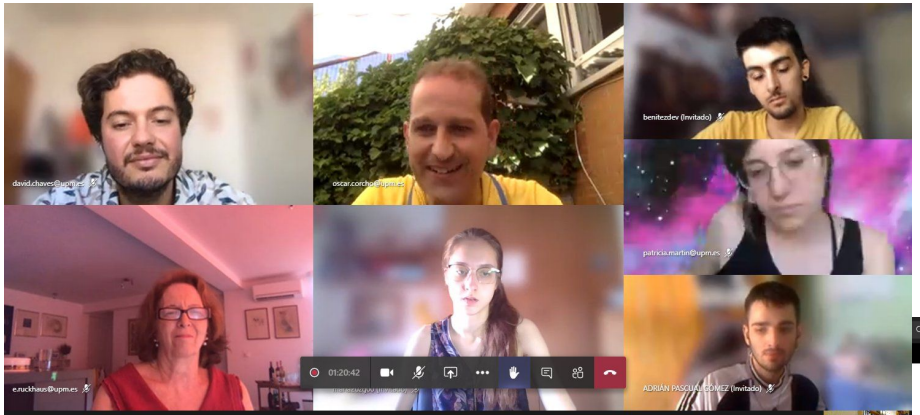
I am David Chaves

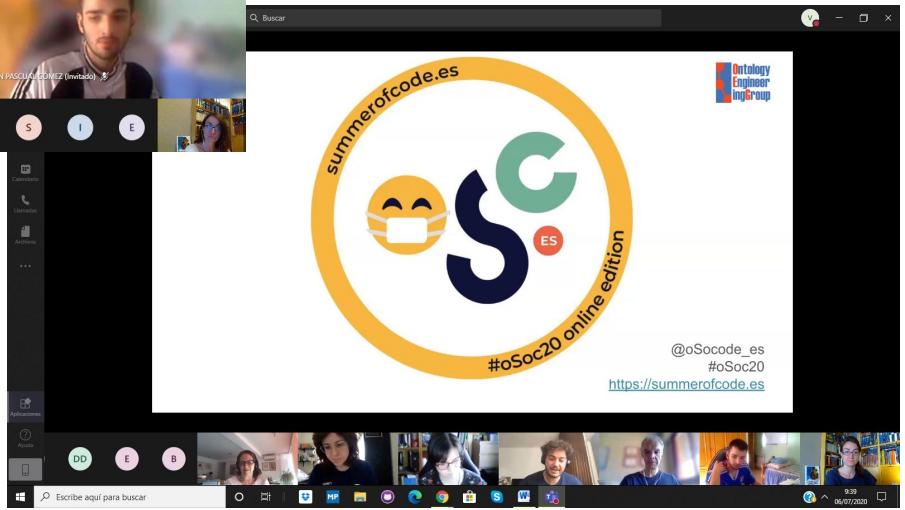
Researcher at Ontology Engineering Group (UPM)

Main Coordinator of Open Summer of Code Spain

Open Summer of Code Spain 2019

Open Summer of Code Spain 2020





Some numbers...

PARTICIPARON

50

ESTUDIANTES

DE

8

UNIVERSIDADES

DESARROLLARON

14

PROYECTOS

JUNTO CON

9

ORGANIZACIONES

Y EL APOYO DE

8

MENTORES

Organizers

Ontology Engineering Group

El OEG es un grupo de investigación en Ingeligencia Artificial de la Universidad Politécnica de Madrid especializado en Tecnologías de la Web Semántica.

Universidad Politécnica de Madrid

La UPM tiene doble sello de Campus de Excelencia Internacional en reconocimiento a la calidad de su actividad docente e investigadora.

Support

Open Data Institute

NODE Madrid

Open Knowledge Belgium

BE

EELISA
(European Engineering Learning Innovation & Science Alliance)

eelisa
European University

IMPORTANT:

Many sessions, video-conferences and participations in #osoc21 will be recorded.

The recordings can be used at different times and for different reasons.

If someone does not want their image to appear in these recordings disable the video and sound options.

Let's be very clear:

THIS IS NO SCHOOL ASSIGNMENT

IT'S
SERIOUS
BUSINESS

1.
What do we/our “partners” expect?

Expectations

- **Develop your project**
- **Put the code on GitHub**
- **Host your product or service (with the help of the Coach)**
- Write and execute a communication strategy
- **Create a branding around what you build**
- Write a proposal to make the project sustainable
- **Do the proper user testing**
- **Write all the necessary documentation**
- **Make a final presentation**
- **Promote / pitch your product**

Deliverables

- Hackathon presentation
- Source code on GitHub in one comprehensive repo
  - Documented
  - With a decent READ ME and LICENSE.md (Mostly MIT)
- GitHub page (HTML / CSS / Jekyll)
- Final presentation + blog post

2.
What do we have to help you along?

This!

- Coaches for each project
- Support in project management
- Lunch talks
- A looooooot of discussion

Tools

Invitations to the corresponding resource in the channel of each project:

- Github: https://github.com/osoc-es
- Google Drive (each project has one)
- Discord + Zoom (you are here right now ;-))
- Github Projects (each project has one):
  - All cards have from 1 to N assigned members
  - All cards start with a verb and must be atomic actions “Develop the database in MySQL”. **They must never contain “and/or” words**
  - All cards in “*Doing*” columns need a due date
  - All cards have a priority that may change in every-sprint

Meetings

Morning meeting (9.30)

Organize the tasks for the day

Update Github daskboard and priorities

Add cards to doing

Plan the rest of the meetings

This is usually call "Daily meeting" in Scrum

Afternoon meeting (17:00)

Stand up on what you have done

Ask about problems that are still not solved

Drink a beer (not all days) with your team

Schedule is orientative

“ your impact will be as big as the quality of your pitch to explain the solution

Pieter Colpaert

Co-Founder oSoc

The team

Coach of coaches

Coaches

Advisory Board

Programme

Calendar

	05/07 LUNES	06/07 MARTES	07/07 MIÉRCOLES	08/07 JUEVES	09/07 VIERNES
08:00	**Introduction Day**	**Design Day**	**Prototype Day**	**Building Day**	**Building Day**
08:30					
09:00					
09:30	**General meeting:** Welcome & introduction: David ODS: Juan Projects: David, Esteban, Serge, Edna Comunication: Laura	Virtual coffe: day planning	Virtual coffe: day planning	Virtual coffe: day planning	Virtual coffe: day planning
10:00					
10:30					
11:00	Introduction Students & Mentors				
11:30	Team Meeting			**General meeting**	
12:00					
12:30					
13:00					
13:30					
14:00					
14:30					
15:00	Team Meeting	Virtual Coffee	Virtual Coffee	Virtual Coffee	Virtual Coffee
15:30					
16:00					
16:30	Presentation of the projects by the teams				
17:00		Team meetings with mentors & day's overview	Team meetings with mentors & day's overview	Team meetings with mentors & day's overview	Team meetings with mentors & day's overview
17:30	Virtual beers				
18:00		Virtual beers	Virtual beers		Virtual beers
18:30					

Calendar

	12/07 LUNES	13/07 MARTES	14/07 MIÉRCOLES	15/07 JUEVES	16/07 VIERNES
08:00	**Building Day**	**Building Day**	**Documentation Day**	**Deployment Day**	**Demo Prep & DEMO DAY**
08:30					
09:00					
09:30	Virtual coffe: day planning	Virtual coffe: day planning	Virtual coffe: day planning	Virtual coffe: day planning	Virtual coffe: day planning
10:00					
10:30					
11:00					
11:30					
12:00					Rehearsal presentations
12:30					
13:00					Presentations
13:30					
14:00					
14:30					
15:00	Virtual Coffee	Virtual Coffee	Virtual Coffee	Virtual Coffee	
15:30					
16:00					
16:30	Team meetings with mentors & day''s overview	Team meetings with mentors & day''s overview	Team meetings with mentors & day''s overview	Rehearsal presentations	
17:00	General Meeting: Elevator Pitch project	General Meeting: Elevator Pitch project	General Meeting	Team meetings with mentors & day''s overview	
17:30	Virtual beers	Virtual beers	Virtual beers	Virtual beers	
18:00					
18:30					

Hello!

I am Juan Utande

Project Manager at UPM

Business Support of Open Summer of Code Spain

Sustainable Development Goals (ODS)

Agenda 2030 (UN)

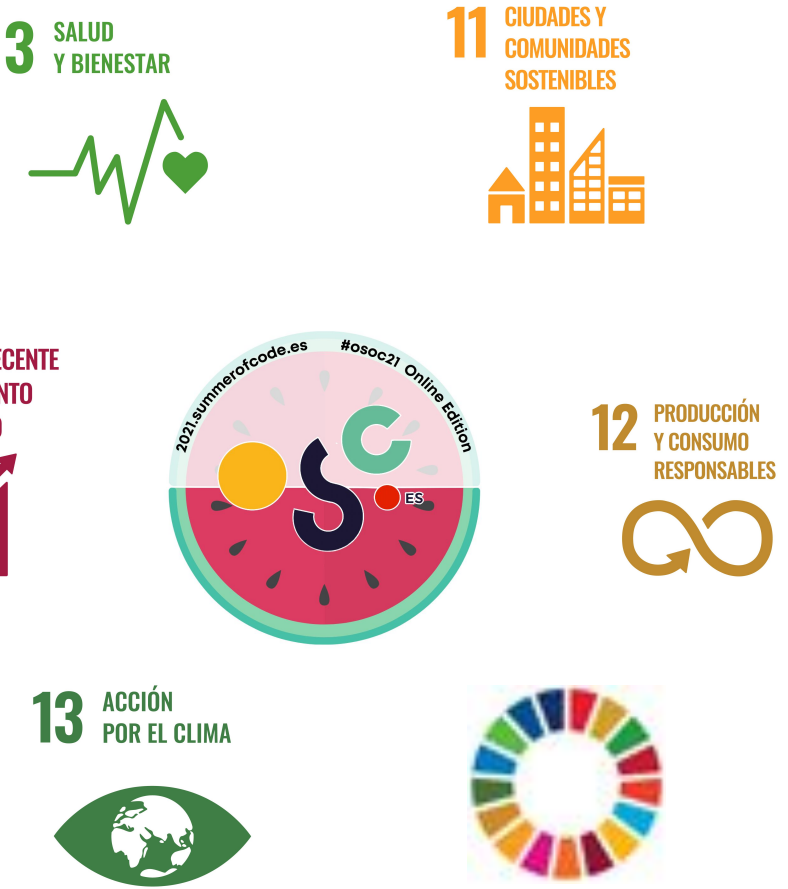
Sustainable Development Goals (ODS)

17 Objetivos

169 Metas

#osoc21 focus in...

1. Recommendation of good habits for the 2030 Agenda
2. Innovation against climate change
3. Innovation to support neighborhood cultural organizations
4. Free project



Hello!

We are Serge, Laura, Edna and Esteban

Researchers at Ontology Engineering Group (UPM)

Mentors of Open Summer of Code Spain

Proyecto 1 - High Open Data Quality in Madrid

Coaches: David and Edna

Motivación: Analizar la calidad de los datos en portales de datos abiertos

Objetivo final: App web que genere informes de calidad sobre conjuntos de datos y recomiende ficheros de metadatos del W3C

Tareas:

- Análisis e implementación de las guías para la calidad de datos tabulares de datos.gob.es
- Implementación de una prueba de concepto sobre el portal de datos abiertos de madrid
- Difusión del proyecto a nivel internacional

Proyecto 2 - Lateralidad

Coach: Esteban

- **Motivación**: Ayudar a padres y profesionales en el diagnóstico y resolución de problemas de lateralidad y logopedia en niños.
- **Tareas**:
  - Diseñar e implementar aplicación móvil especialmente diseñada para tablets. Nuestra idea inicial es usar el framework IONIC. Nuestro primera idea de diseño es que no tenga nada de backend para preservar la privacidad)
  - Actividad de trabadas (palabras con dos consonantes seguidas de vocal).
    - Se mostrará un dibujo que represente una palabra
    - El usuario podrá escuchar la palabra
    - Deberá ir introduciendo las letras de la palabra en orden.
  - Aplicación técnicas de gamificación
  - Generación de informes para padres y profesionales (en base a una serie de criterios)
  - Diseñar página web de difusión centrada en la aplicación (logos incluidos)
  - Opcional: Actividad de caligrafía

Proyecto 3 - Hire a Senior

Coach: Serge

- **Motivación:** Ayudar a personas mayores/retiradas a mantenerse activas mentalmente y a recibir ingresos económicos complementarios para mejorar su calidad de vida.

- **Objetivo Final:** Diseñar e implementar una web que permita la contratación de personas mayores / retiradas.

- **Tareas:**
  - Implementar la interfaz que permita la creación de perfiles. Esta interfaz debe ser simple e intuitiva para una persona mayor.
  - Implementar la interfaz de búsqueda de perfiles, para que las empresas o independientes puedan realizar las contrataciones.
  - Diseño del plan de negocio.

Communication rules

- **Share with everybody what you are doing**

- Use your Social Networks

- #oSoc21 Social Networks are:
- TWITTER @osocode_es
- INSTAGRAM osocode_es

- **Don’t forget to use the hashtag #oSoc21**

Tips for newcomers

- **Don’t be afraid to ask questions**
- Don’t commit things you shouldn’t be committing

Core values #osoc21
Openness

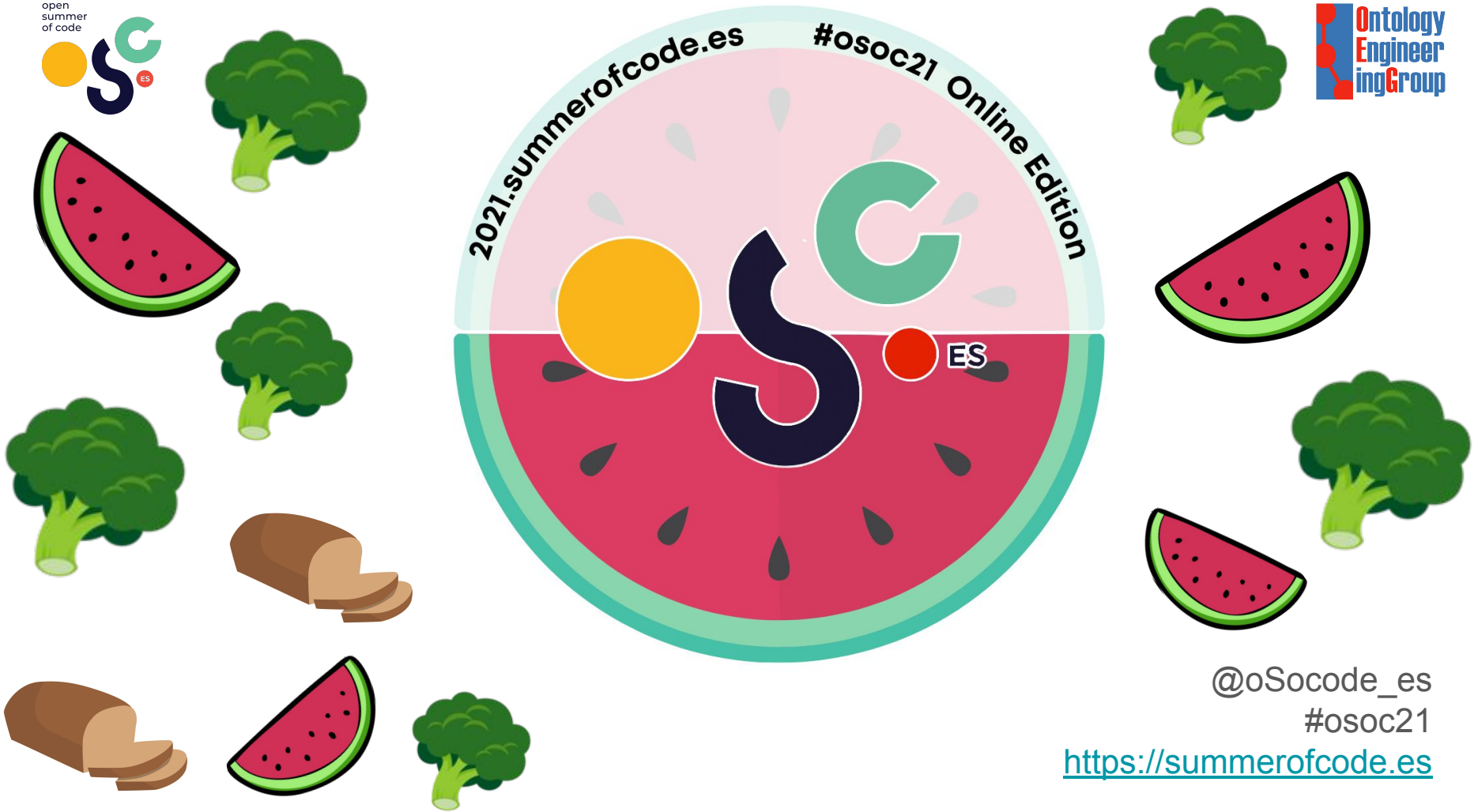
- Be honest and transparent about your work and progress
- Learn anything from anyone at anytime
- Seek and provide honest feedback

Core values #osoc21
Scientific attitude

- Envision big and start small
- Build, test and deploy
- Learn from successes and mistakes

Core values #osoc21
Collaboration

- Communicate in ways that can be heard and understood
- Share what you know and ask what you don’t
- Seek new ideas and approaches with your teammates
  - Channels like #Developers or #Design
- Have fun:
  - Channels like #Sport, #Music, #Films, or #Gamers



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