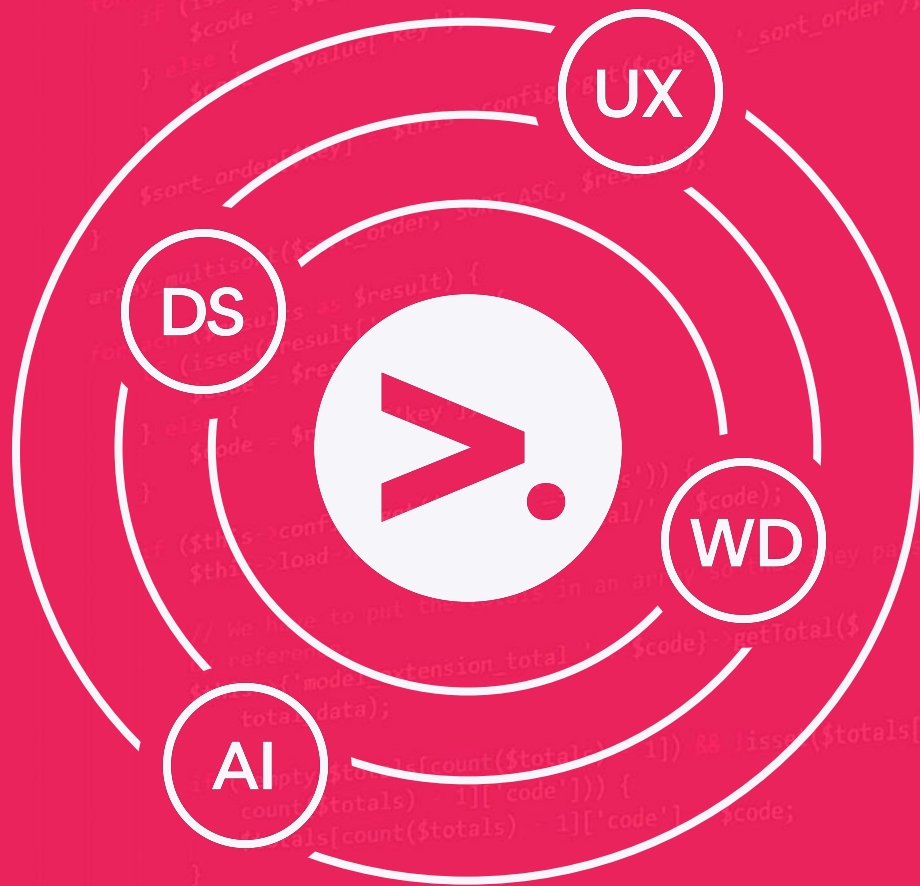


# We Build. Digital. Shapers.

**Learn to code for free & build your  
first projects within weeks**



 **TechLabs**

# We are TechLabs – a global, non-profit organization built and run by tech-loving volunteers

**We dream of a world full of digital shapers.**

**Our mission is to enable as many people as possible to acquire state-of-the-art tech skills to solve today's problems in a digital way – by providing a unique program that combines online learning, project work, and local community events.**

Winner of the **Google.org** Impact Challenge Germany 2018

## Europe

**14 Locations**

**Germany**  
Aachen, Berlin, Dortmund, Münster, Hamburg, Düsseldorf, Munich, Mannheim

Medellín

Curitiba

## In Europe

Amsterdam, Barcelona, Copenhagen, London, Rotterdam, Stockholm

## South America

**2 Locations**

# Join our **Digital Shaper Program** and learn state-of-the-art tech skills with 1 of our 4 tracks



DS

## **Data Science**

The resource of the future is data – learn basic coding skills in Python and apply them directly in your projects



UX

## **User Experience Design**

Learn how to create intuitive and engaging user interfaces using tools like prototyping, scenario development, and wireframing



WD

## **Web Development**

Learn to build websites and web applications with the most common front-end and backend technologies



DL

## **Deep Learning**

Everyone talks about it, only few actually understand it – get to know AI and Deep Learning applications and build your own solutions

**Learn more about the program and each track**

DRT  
MND





# Our program creates a **unique learning experience** combining online courses with project work and an active community

## Online Learning

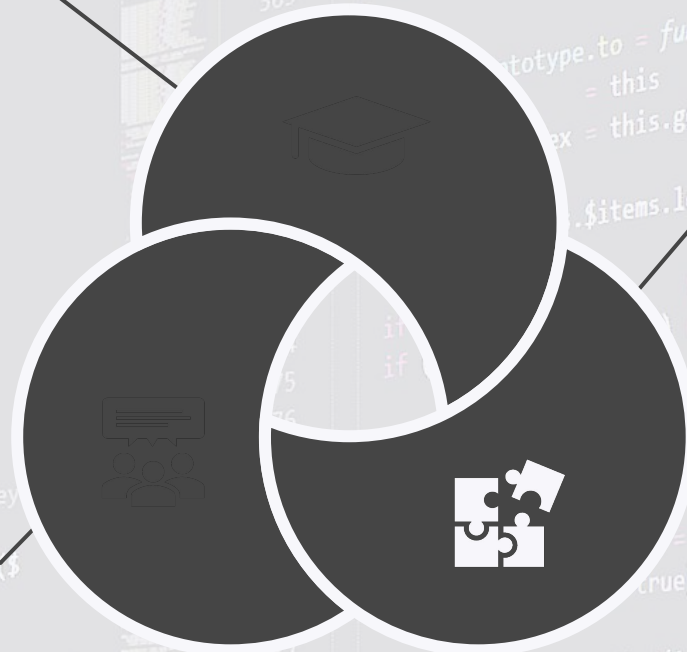
- ✓ Start your tech journey with **individual online learning tracks**
- ✓ All online resources are **completely free** for you

## Tech Community

- ✓ Grow your **professional and personal network**
- ✓ Socials and **workshops** with companies like Accenture and local startups

## Project Work

- ✓ Develop and **implement your own idea** together with other techies
- ✓ Profit from discussions and feedback from **experienced mentors**



# Your learning journey for the Summer Semester 2025

April 29th 2025: **Kickoff**

## Project Phase

12 weeks

- ✓ Work on your project idea with your team
- ✓ Combine your knowledge from different tracks to create awesome solutions

## Academy Phase

10 weeks

- ✓ Self-learning online courses
- ✓ Regular socials and community meetings
- ✓ Workshops for ideation of project ideas

October 2025  
**Final project pitches**

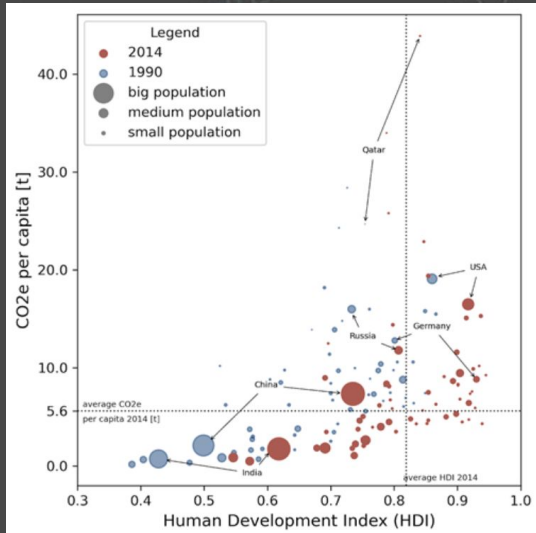


After successful completion of the program and your tech project, you'll receive our **Digital Shaper Certificate.**

# Develop and implement an innovative project idea with other techies

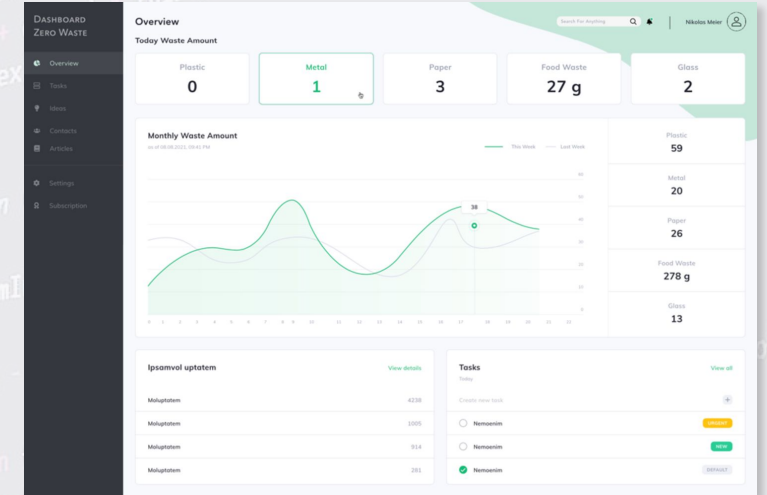


**“Energized” — We don’t live CO-twice!**



- Project team analyzed the **development of energy consumption and CO<sub>2</sub> emissions** during the last decades
- What is the ranking in energy consumption per capita? How did it change? Which factors correlate with CO<sub>2</sub> release? ...

[Read more about past projects in our blog!](#)



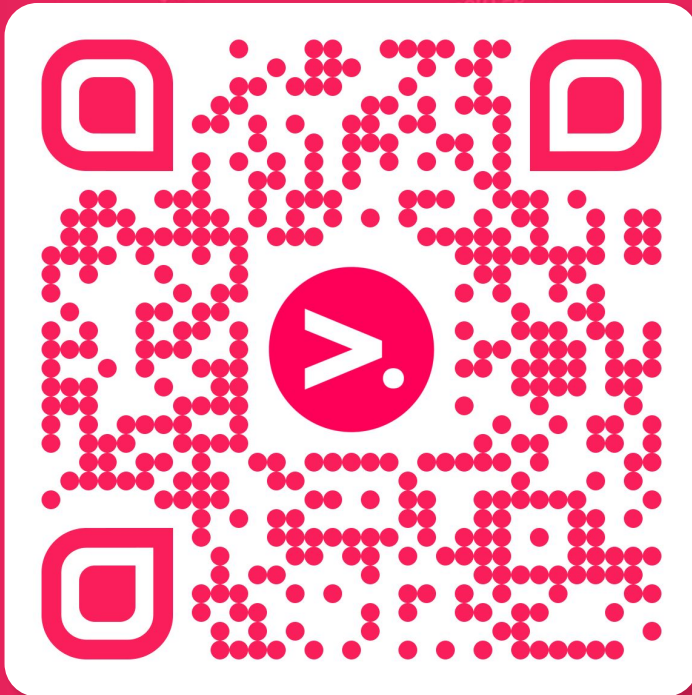
**“Zero Waste” — Manage your daily waste for a better world.**

- Project team developed a website that allows users to record the amount of waste they throw away each day using **Figma, HTML, CSS, and JavaScript**
- Personalized dashboard, comparison to existing data to incentivize waste reduction, ...



# Ready to level up your tech skills for free?

# Apply now for the **Digital Shaper** Program



**Info Session (online):**  
**April 15<sup>th</sup>, 19:00**

[Register here](#)

**Application Phase:**  
**until April 18<sup>th</sup>**

[Apply now!](#)

**Do you have any questions? Reach out to us!**



[ruhr.techlabs.org/apply](https://ruhr.techlabs.org/apply)



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