

# We Build. Digital. Shapers.

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

 **TechLabs**



# Our Digital Shaper Program offers you a unique 6-month learning experience

## 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 during **techie socials** and **workshops with companies** and local startups

## Project Work

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



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

# Choose one track and learn state-of-the-art tech skills

DS

## Data Science

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

WD

## Web Development

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

AI

## Deep Learning

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

UX

## User Experience Design

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

# Your learning journey for the summer semester 2022

May 2022: **Kickoff**

**Academy Phase**

10 weeks

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

**Project Phase**

14 weeks

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

October 2022:  
**Final project pitches**

[Learn more about the program and each track](#)

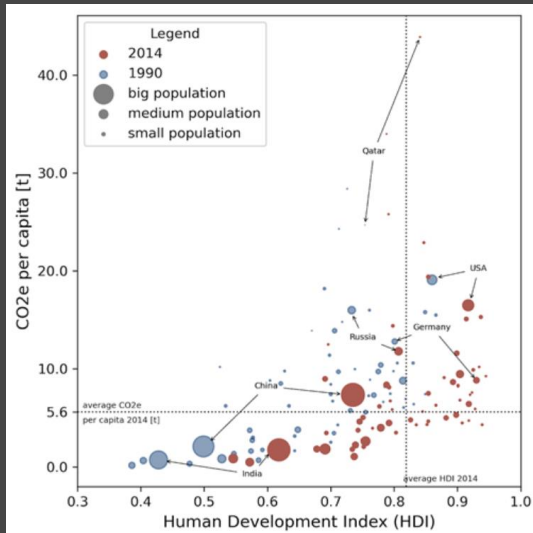
DRT  
MND



# In your tech project, you get the chance to develop and implement an innovative idea with other techies

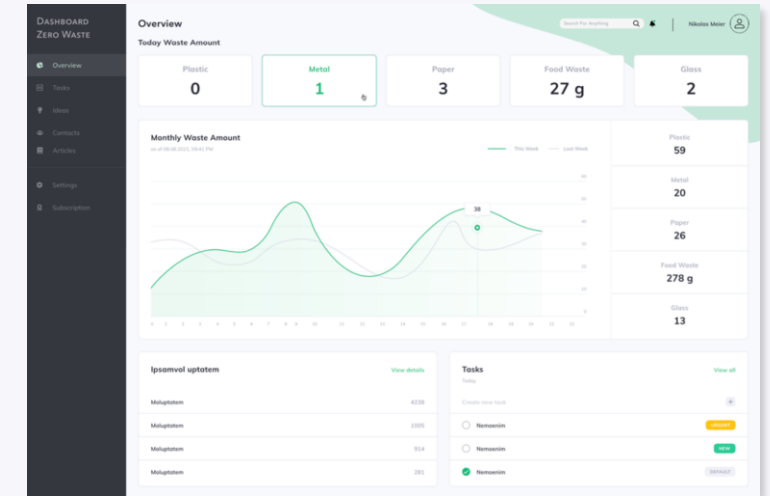


“Energized” — We don’t live CO-twice!



Facing the climate crisis and misperceptions among the population, the team analyzed the development of energy consumption and CO2 emissions during the last decades. What is the ranking in energy consumption per capita? How did it change? Which factors correlate with CO2 release? Their analyses contribute to paving a path towards a zero-emission-future.

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



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

Do you know how much waste you create in a day? The team designed and compiled a website that allows users to record the amount of waste they throw away each day using Figma, HTML, CSS, and JavaScript. Features include a personalized dashboard and a comparison to existing data to incentivize waste reduction.



# Are you ready to improve your tech skills?

	Job applicants without digital skills
	Job applicants with basic Excel knowledge
	Job applicants with TechLabs Digital Shaper Certificate

# Apply now for this semester's Digital Shaper Program

**Info Session (Zoom):**  
**April 19<sup>th</sup>, 7 PM**

**Register now**

**Application Phase:**  
**until April 27<sup>th</sup>**

**Apply now!**

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



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



TechLabs Dortmund



[techlabs.do](https://www.instagram.com/techlabs.do)



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

TechLabs is one of Europe's fastest-growing learning-accelerators for technology skills.

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

Individuals who use technological tools to approach the challenges of our time with a digital and entrepreneurial mindset.

**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

### In Europe

Amsterdam, Barcelona, Copenhagen, London, Rotterdam, Stockholm

Medellín

Curitiba

## South America

**2 Locations**