

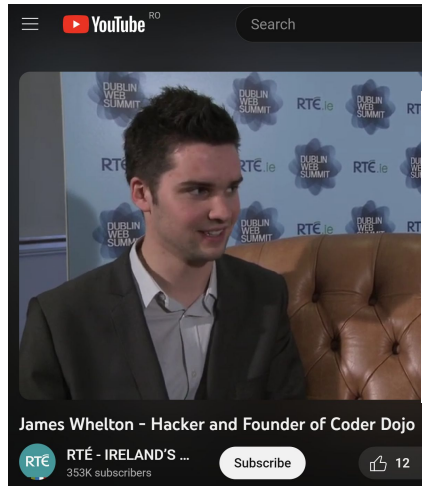
Bringing Kids to CyberSec in a CoderDojo Setting

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Radu Ticiu, co-founder
CoderDojo Timișoara

What is CoderDojo?



Irish Hacker Cracks iPod

By Bryan Chaffin

education context

non-formal, open, mentor-driven

self paced & self directed

no money-changing-hands

focused on tech, programming, hardware/robotics

launched 2011 by James Whelton

a Cork/Ireland high school dude

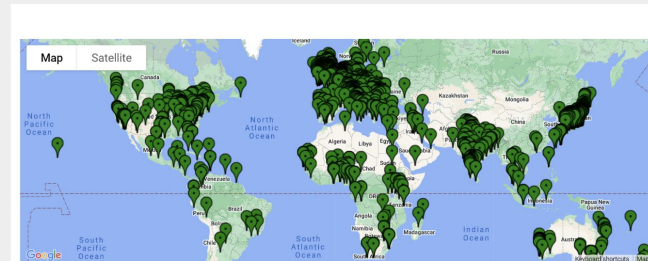
1st iPod hacker, getting to local stardom

expanded globally in a loose network

2000 clubs, 250.000+ current ninjas & alumni

currently part of the **Raspberry Foundation**

resources, networking, events, competitions



CoderDojo in RO & Timișoara

In RO:

started 2012 in... Drumul Taberei
a max of 60 active clubs RO-wide
now ~20 active clubs (B, BV, IS, SB, BH, TM, etc)
SummerCamps, Coolest Projects, DojoCon

In Timișoara

started Jan 2013 in Timișoara Startup Hub
10 functioning dojos
weekly 250 ninjas, 30-40 mentors
mixed + specialized (Timisoara GameDev,
CyberSec, Robotics, + 2 BioCoderDojos)
MegaDojo events, Hackathons wins



CyberSec & Youth in Timisoara



Timisoara
CTF

DefCamp international CyberSec TM 2013

Timisoara CTF 2017

local, co-initiated by high-school kids supported by
CoderDojo, minimal grant

Timisoara CTF 2018

Academic (HS) & international, 450+ teams in
qualifications,

20 teams (RO + KOR) in finals, community supported

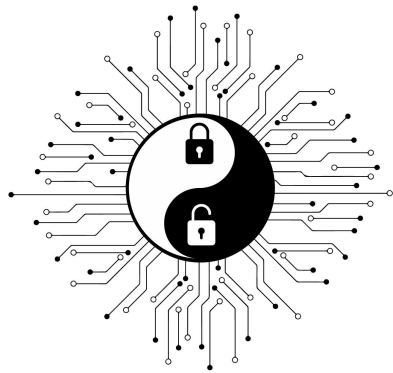
CyberSec Sections in the MegaDojo events

(300-500 participating kids, free to attend, day long,
CTF, cyber safety presentations)

Timisoara CTF 2018
Flags of Participating Countries



CoderDojo Timișoara CyberSec



Started November 2022

How we are doing CyberSec education

Saturday weekly 3 hours-long session

25-30 ninjas, 5-6 mentors

hosted by the Politehnica University

venue, mentors, rackspace, connections

practical, hands-on approach

sponsored pizza & juice (thanks, Atos Romania)

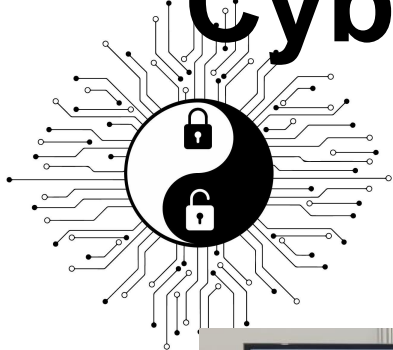
Own CTFs

internal & external, hosted by local companies

(thanks, OPSWAT, for venue, prizes, mentoring)



People of CoderDojo CyberSec



Who we are

Champions: Alex Szabo, Răzvan Horja

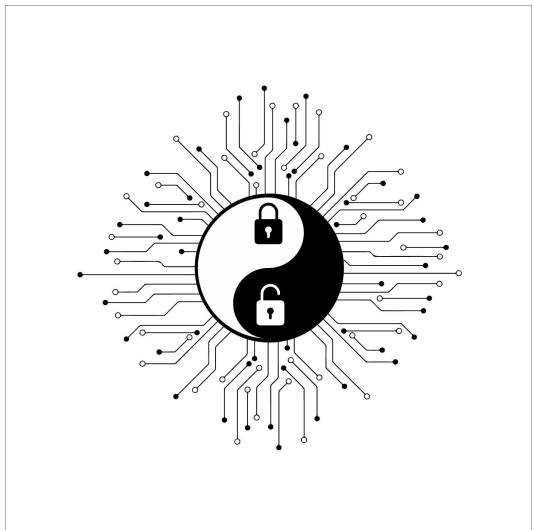
Mentors: Miruna Șandor, Bogdan
“Bobo” Vasici

Ninjas: Alex Docea, Vlad Hardălău & co

Top supporter: me :)



CoderDojo CyberSec Future plans



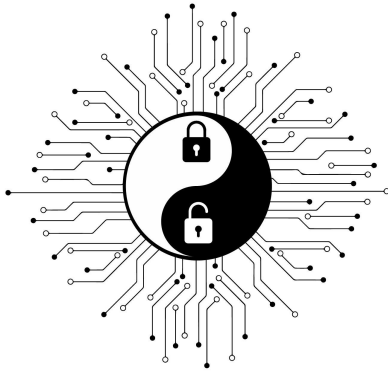
Attract more mentors from Timișoara universities

Attract more Timișoara kids towards cyber security

Operate as a center of cybersec resources for the CoderDojo network in Timisoara & Romania

Organize Timișoara CTF in 2024

Take aways



Why should you open a CoderDojo (eventually specialized in CyberSec) in your city?

- build a group of young passionate people
- accelerate learning processes
- give back to community
- give to community
- have fun
- Inspire
- share

How can we help you?

- presenting more details on CoderDojo
- talking about our successes and fails
- connecting you with the CoderDojo network
- inviting you to experience a session in Timisoara

Questions?



Answers!

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