

TARAS YAREMA

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EXPERIENCE

Partyadvisor

Lead Backend Developer and Sysadmin

Barcelona
Feb 2019 - Present

- Django API development and MySQL databases maintenance.

HackUPC

Organizer and The Game developer

Barcelona
Feb 2019 - Oct 2019

- Help organize a hackathon with more than 700 attendees. Also developed a 24h based coding challenge using Django, MySQL and C++.

AWARDS

2nd place at HackUPC 2016

Developed a game that projects n-dimensional shapes into the screen and uses mathematical algorithms to make an up to a 5-dimensional version of the game. It was built entirely with plain Javascript and WebGL.

HackUPC

Feb 2016

Finalist at HackUPC Fall 2017

Our main idea was to create something that could compute all the possible possibilities of a rgba 128x95 image. In this case there are $256^{(4*128*95)}$ different possible images. We used plain Javascript, canvas, and PHP to store the inputted images.

HackUPC

Oct 2017

Best Game at HackUPC 2018

Build a 3D platform game that uses temporal logic to pass the created levels. To pass a level you need to travel to the past so you can change the topology of the level to a certain needed state in the original present timeline. We used were plain Javascript for the engine, THREE.js for visuals, Node.js and Heroku.

HackUPC

Oct 2018

Honorable mention at JacobsHack! 2018

I build a 3D game that consists of traveling around the world using the Skyscanner flights with the goal of predicting the cheapest flight in every turn.

Skyscanner

Nov 2018

Finalist at CopenHacks 2019

MazeChain is a collaboration multiplayer game where you and your n-1 friends have to find the goal in an n-dimensional maze. Each player can move the main player (which everyone shares) only in two dimensions of the projection plane of the player position in the n-dimensional cube. That's why every time that someone moves in the direction of any two-dimensional plane, yours can be changed completely.

Microsoft

Apr 2019

EDUCATION

Universitat de Barcelona

BS Mathematics

Barcelona
2016 - 2020

Universitat Oberta de Catalunya

BS Economics

Barcelona
2018 - Present

SKILLS

Technologies: Python, C/C++, MySQL, Mongo, Mathematica, Node, Django, Bash, Git
Languages: Spanish, Catalan, English, Ukranian, Russian