

Remote Human LLC



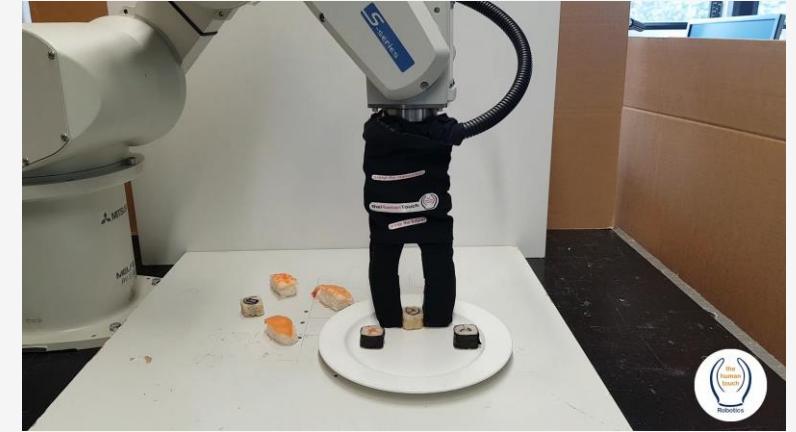
Our Business (AI, XR, and robotics)

Industry 4.0 integration

Collaborative robotics



Autonomous systems



Avatar systems



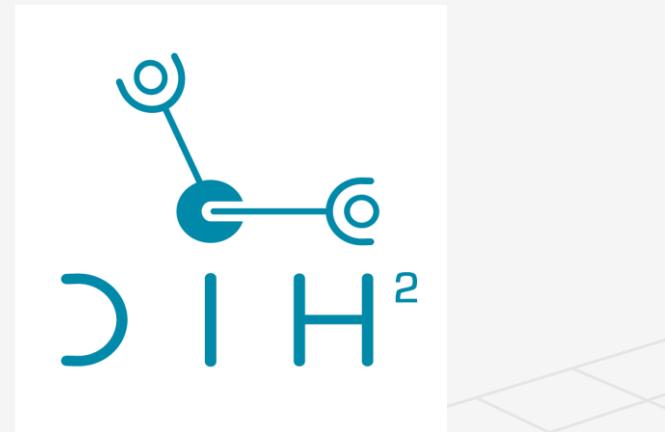
XR solutions



Cybersecurity

Smart Factory

Company visibility



Knowlagesharing and EdTech presentation

**FUTURE
of
INDUSTRY**

and what we need to know about AI, XR and Robotics

Google Meet

14.11.2020
17:00

eeStec
LC Skopje

RH
innovative Robotic System

Primena veštačke inteligencije

Teachable Machine

Tiny Sorter

Project Euphonia

Teachable Snake

ML pipeline

Prepoznavanje poza

Prepoznavanje objekata

Balkan cities: Skopje, Niš, Zrenjanin, Banja Luka...

Our Vision

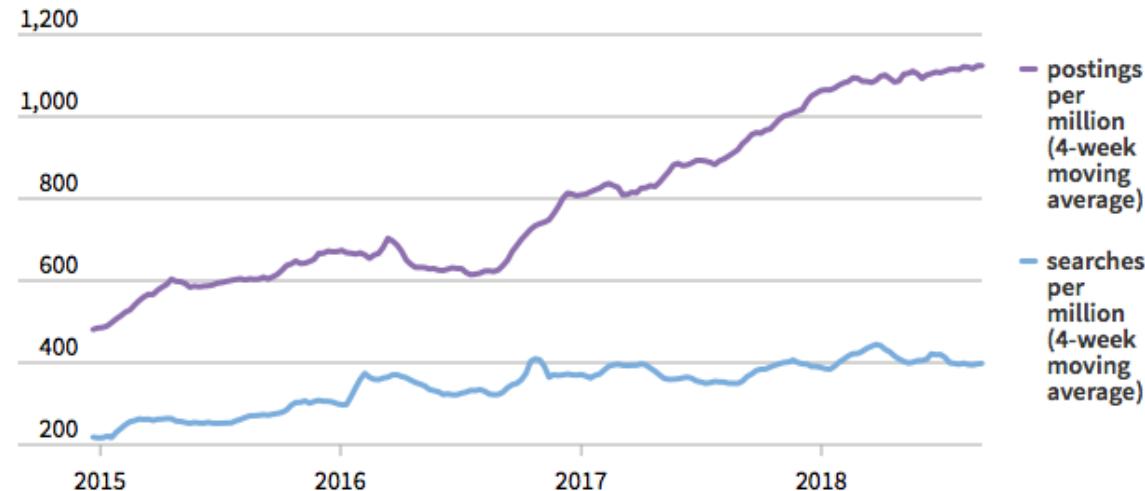


**Prepare humanity for the next industrial revolution and future of work
that will look very different than it is currently**

Issue 1: Engineering Talent Shortage in Industry

Wanted: Artificial intelligence experts

In artificial intelligence, job openings are rising faster than job seekers.



AI-related jobs include machine learning engineer, predictive modeler, cmt analytics manager, data scientist, computer vision engineer, computational linguist, and information strategy manager.

Source: Indeed.com

Ann Saphir | REUTERS GRAPHICS

On the global level, we need more engineers then we can make in modern technology fields

Issue 2: Build the Community of Young Engineers

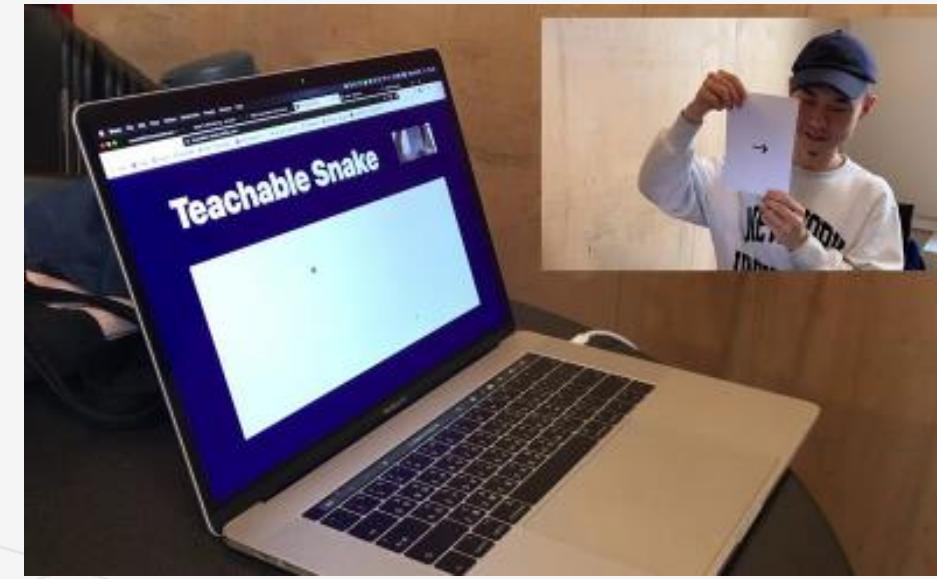


**Why I learn Algebra or Calculus? STEM is hard to learn.
Motivate young talents to work on their engineering skills and prepare them to build innovations of future**

Existing Solutions?



**Systems with
predefined behavior**



Teachable Machine

What we Build to Solve This Issue?

Smart Bobby



Educational AI programmable robot

It is like small **Knight Rider** and also programmable and remotely controlled

Why Smart Bobby and Robotics now?

Community support

28.4.2018.

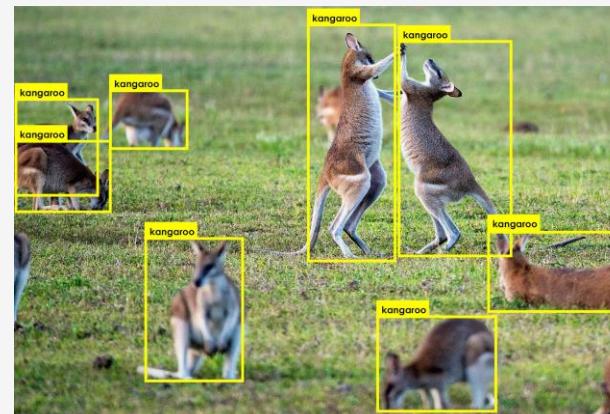
More than 150 elementary and high school kids took part in the robot programming competition



Today, in the Belgrade's elementary school "Vladislav Ribnikar", as a part of the campaign Battle for Knowledge, more than 150 elementary and high school pupils from all parts of Serbia took part in the robot programming competition.

In the finals of state competition in mBot programming 30 elementary schools took part, with the teams consisting of 3 pupils. First place

Software trends



Software and hardware Support



Smart Bobby

Developed for young generations
(15-20 years old)



- ✓ Artificial intelligence (AI)
- ✓ Autonomous driving

- ✓ Mobile application (Android/iOS)
- ✓ Assets store for content sharing via smartphone or desktop app

- ✓ Customer-Oriented design
- ✓ Adaptive Curriculum

Learning Curve

Beginner

- Microcontroller programming
- Components programming over API
- Robot locomotion
- Robotics competitions



Intermediate/Pro

- Machine learning programming
- Low-level programming
- Ready industry-level tasks
- Build a robot from scratch



Use Cases



Build AR solution using
Gamification process



Build a self-driving car using
different robot sensors

Smart Bobby Software API



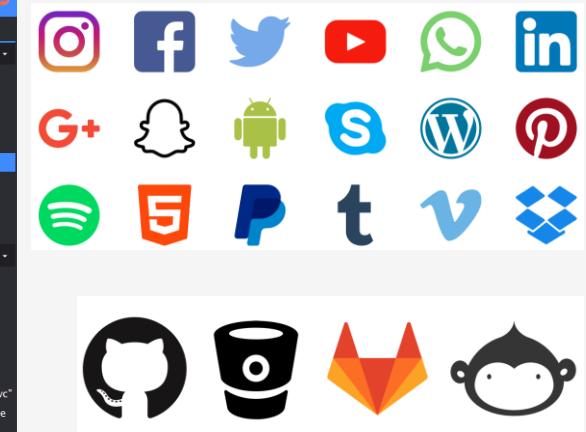
**Develop software
anywhere with your
smartphone**

A screenshot of a code editor interface. The left pane shows a file tree with files like index.html, main.js, blackout.css, and .editorconfig. The right pane shows a code editor with the following JavaScript code:

```
var App = {};
(function() {
    var places = { world: "World", planet: "Planet", galaxy: "Galaxy" };
    // Our constructor, called when the document is ready
    this.load = () =>
    {
        this.hello(places);
    };
    hello(place)
        // Show our "hello" bl
        // source buffer, line 5
        this.hello = (place = <> planet) =>
        {
            var blackout = $(<div>).addClass("blackout");
            var text = $(<span>Hello ${place}</span>');
            blackout.append(text);
            console.log(blackout);
            $("body").prepend(blackout);
        };
    }.apply(App);
$(document).ready(App.load);
```

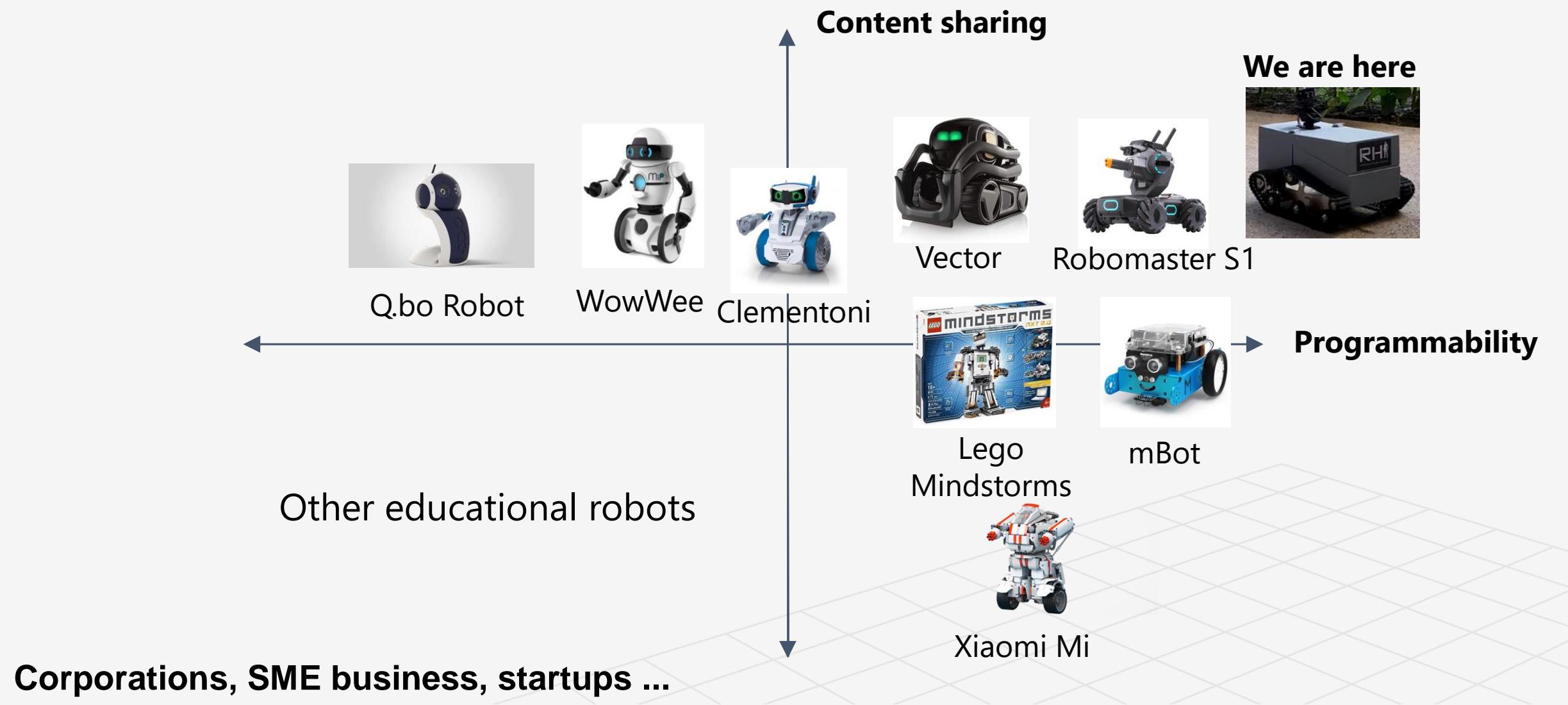
The code editor has a sidebar with a symbol search interface showing results for 'load' and 'hello' methods. The bottom right corner of the editor window shows a 'Kitchensink' icon.

**Use popular IDE
for programming**



**Share content
with you
friends**

Competitive Landscape



Why Use Smart Bobby?

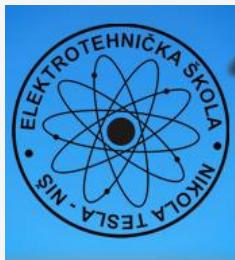


High-quality learning platform
An experience unseen in educational robotics

Target group 15-20 years old, high school and college students

Shareholders and Potential Customers

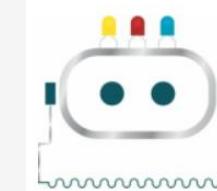
Focus on B2B sale (franchise offer)
STEM/programming/engineering schools



STEM funds and public schools



Association of educational
institutions and robotics



**mala škola
elektronike**

Private programming schools

Retrospective of 2020



More than 10 robots pre-ordered from Serbian public schools in one week



Organized webinars about Industry 4.0, AI, XR and robotics in Balkan region



Collaboration with more than 5 influential educational institutions and letter of intent for the pilot project



"Innovations and Education" online conference planned for 2021, big companies will be involved



Collaboration with more than 4 manufacturing companies



Assembled Multidisciplinary International team

Next Milestone

Smart Bobby
Development kit (including VR box and gamepad)
**Additional investment required
product development + crowdfunding campaign**

The first version

Available in **2021**

Users: educational institutions in Balkan region

Curriculum for all levels

Enabled development IDE

Mobile application

Robot assembled with all required components for AI

Custom solutions on demand

Smart Bobby in Action



High School *Nikola Tesla*, Niš, Serbia



High School *Mihajlo Pupin*, Novi Sad, Serbia, Eurobot team



Let's Build a Future Together

Joint venture

Consortiums

Knowlagesharing

Impact



Conferences

Transformation

Open
Innovations

Inclusion

Thank you for your time
If you have any questions please contact us

Remote Human



#remotehuman #smartbobby
email: contact@remote-human.com
website: <http://remote-human.com>