Otto DIY an open source robot for education
Team

Design Engineer & Founder
Camilo Parra Palacio
Creator of Otto robot and toy designer for over 8 years

Finance Officer, Educator & Co-founder
Tereza Švarcová
Fluent in at least 5 languages and dedicated to education

Business Director
Ethan Clime
Sales & marketing expert with 10 years of experience
Current Problem

![Graph showing the rate of change over time for human adaptability and technology. The graph indicates that technology is increasing more rapidly than human adaptability, with a significant increase predicted for 2022. The source is Eric Teller GoogleXLab.](source: Eric Teller GoogleXLab)
Solution

rate of change

- human adaptability
- technology

learning faster

Source: Eric Teller GoogleXLab
The path to become creator

Maker Kit
3D printing at home or school

Builder Kit
+7 ages

Electronic kit

3D print your own robot

Full robot kit

Fun and easy assembling

Learn robotics, coding, AI, engineering and design
What can Otto do?

- **open source**
  - limitless freedom
- **3D printable**
  - in less than 5 hours
- **DIY**
  - build in 1 hour
- **programmable**
  - easy graphical coding
- **walk**
  - & avoid obstacles
- **dance**
  - multiple styles
- **beeps**
  - & 8 bit melodies
- **emotions**
  - expressive LED eyes
- **+ bluetooth**
  - FREE APP for all OS
- **+ stronger**
  - metal gears servos
certification as open source hardware by OSHWA
Contribute with a new remix project or EDU content by just uploading files.

Contribute with new code via pull request.
Graphical programming software
Otto Builder community
>15000 members in at least 70 countries, with presence in schools
over 100 remixes & replicated over 20K times

Encouraging the future generations to become creators
Otto At Home Interdisciplinary home education

Robot kits in the hands of everyone!

Otto Academy platform:

A complete Learning Management System with online courses, games, quizzes, workshops, forum, progress tracking, certificates and badges.

In our pillars for education, Design, Engineering and Coding + AI
Collaborations

- Wikifactory
- Open Collaboration
- Delft Open Hardware
- OPEN HARDWARE LEADERS
Thanks!
Product video (3min)