TOOL TO ENSURE SAFE DIGITAL LIVES FOR KIDS AND TEENAGERS

Fact Sheet

Project Information

**Aiba**

Grant agreement ID: 101114178

**Funded under**

European innovation ecosystems

**DOI**

10.3030/101114178

**Start date**

1 June 2023

**End date**

29 February 2024

**Total cost**

€ 0,00

**EU contribution**

€ 75 000,00

**Coordinated by**

AIBA AS

Norway

Objective

Aiba creates safe digital lives for kids and teenagers. We do real-time detection of fake profiles and unwanted behavior, such as cyber grooming, toxicity, harassment and bullying in games and social media. Our machine learning powered moderation service will make moderation easier for our customers. We risk score all ongoing conversations real-time on gaming and social media platforms, and help our customers to prevent unwanted behavior before it makes any harm. We help them stop cyber grooming early and our initial results show we can detect grooming conversations in less than 20 messages. Our service is powering our customers with increased community health and more efficient moderation through proactive and continuous risk scoring. They can save huge amounts of human hours by using our solution. Our unique SaaS multimodal approach, combined with machine learning makes for a new era in chatroom moderation.
With a novel approach based on award-winning research, researchers and data scientists at Aiba and NTNU, have developed and trained machine learning models with text and keystroke dynamics to detect cyber grooming and other unwanted behavior early so they can stop conversations to minimize harm and toxicity on their platforms. The solution has been trained and tested on short texts typically sent in a chat. From this minimal amount of information, the system has accurately been able to profile the chatter and determine both their age group and gender. The solution has been further developed to perform a continuous real-time analysis of the text messages, to mark suspicious conversations. To do this, natural language processing features (turning text into numerical feature vectors) are used, in combination with machine learning techniques.

**Fields of science**

natural sciences > computer and information sciences > data science > **natural language processing**

natural sciences > computer and information sciences > artificial intelligence > **machine learning**

**Keywords**

AI  ML  behavioral biometrics  moderator tool  gaming  social media

**Programme(s)**

HORIZON.3.2 - European innovation ecosystems  MAIN PROGRAMME

**Topic(s)**

HORIZON-EIE-2022-SCALEUP-02-02 - Women TechEU

**Call for proposal**

HORIZON-EIE-2022-SCALEUP-02

See other projects for this call

**Funding Scheme**

2 of 3
HORIZON-CSA - HORIZON Coordination and Support Actions

Coordinator

AIBA AS
Net EU contribution
€ 75 000,00

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Teknologivegen 22
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Region
Norge > Innlandet > Innlandet

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

EC signature date 31 May 2023
Last update: 24 July 2023

Permalink: https://cordis.europa.eu/project/id/101114178

European Union, 2023