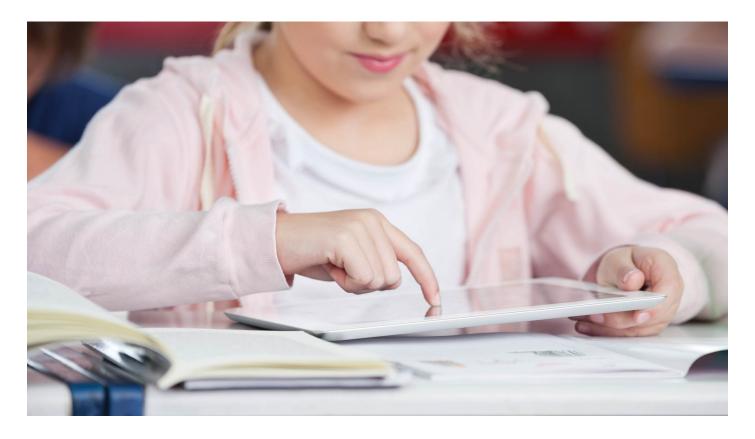
Educational solution with AI: Tec's proposal wins in global hackathon



Five <u>Tec de Monterrey</u> exchange students were the **global winners** of <u>DigiEduHack 2023</u>, the **educational innovation hackathon** organized by the <u>European Commission</u>.

The students developed <u>ADAPTATEC</u>, a platform that uses Artificial Intelligence to help educators propose adaptive and dynamic lessons for their students.

It was also designed to **support the education of students** with **cognitive divergences** such as **ADHD** or **autism**.

"The Tec is very proud to lead **educational innovation** through **our innovative students**," said **Ján Rehák**, National Director of the **Tec's Entrepreneurship program**.

https://twitter.com/DigiEduHack/status/1767602753604342248

Alisa Pérez Pakhomova, Sofía Estupiñan, César Chavarri, Johannes Fagerberg, and Valentina Plaza are members of the "Guacamole" team, which participated in DigiEduHack 2023, a European Union initiative to promote innovation in digital education.

After winning the hackathon's Disruptive Technologies category, they will receive **mentoring** and be part of an **incubation and acceleration program** run by the **European Commission**.

The ADAPTATEC proposal

ADAPTATEC is designed to use **Artificial Intelligence (AI)**, a databank, and data analysis to provide **customizable tools** for **teaching**, **assessment** and **feedback**.

"It'll feature a **language model similar to ChatGPT** that will act as a one-on-one mentor for students, guiding them through difficult questions and explaining theoretical concepts," says the platform's datasheet.

Regarding assessment, ADAPTATEC will include factors such as attention skills, processing speed, and sensory sensitivities to provide accurate data on students' progress.

"The platform aims to help **eliminate learning barriers**, mainly for students with **autism**, **dyslexia**, and **ADHD**," says team member Sofía.

The "Guacamole" team members will travel to Brussels, Belgium, to present their proposal.

alumnos ganadores globales de DigiEduHack 2023 /> width="900" loading="lazy"> **About DigiEduHack**

<u>DigiEduHack</u> has been held simultaneously **in various countries worldwide** since 2019 and consists of local 24-hour grassroots hackathons.

It aims to promote **innovation**, **collaboration**, and **creativity** to drive positive change in digital education.

1,685 young people from different parts of the world participated in the 2023 edition, creating **225 proposals**.

Rehák pointed out that the <u>Institute for the Future of Education (IFE)</u>, the Eugenio Garza Lagüera Institute of Entrepreneurship, and the School of Business brought this competition to four Tec campuses (Monterrey, Guadalajara, Mexico City, and Querétaro) in the **November 2023 edition**.

He stressed that the **Tec** was the **Latin American host** for **DigiEduHack** in 2023, bringing together 150 participants to compete regionally.

The national director of the Tec's Entrepreneurship program said that this achievement in **DigiEduHack** is proof of the Tec's work and innovation.

"This award gives us global recognition and visibility; it's a platform that helps demonstrate advances in educational innovation to the world," he concluded.

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