

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



Five [Tec de Monterrey](#) exchange students were the **global winners** of [DigiEduHack 2023](#), the **educational innovation hackathon** organized by the [European Commission](#).

The students developed [ADAPTATEC](#), 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**

DigiEduHack 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 **Institute for the Future of Education (IFE)**, 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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