

ART: Augmented Reality Tutor

The future of distance education

ART - Augmented Reality Tutor is an AI-powered virtual tutor and proud recipient of the Education Product of the Year Award. Combining augmented reality (AR), large language models (LLMs), and speech communication technologies, ART offers an innovative, personalized, and accessible approach to learning, available 24/7 on virtually any device.

Why ART?

In today's rapidly evolving higher education landscape, large language models pose both opportunities and challenges. ART is the solution:

- **Responsible AI in Education:** Calibrated LLMs with built-in guardrails ensure secure and accurate communication.
- **Course-Specific Knowledge:** Offers deep understanding of textbooks, recorded lectures, assignments, quizzes, and more
- **Pedagogical Alignment:** Integrates with the preferred teaching frameworks of educators.

How ART Works

- **Device Compatibility:** Operates in web browsers on phones, tablets, laptops, and AR/VR goggles—no installations required.
- **Speech Interaction:** Engages students through *natural speech technologies*—listens, comprehends, and responds in spoken sentences with subtitles for inclusivity.
- **Supportive Guidance:** Assists students step-by-step without providing direct answers, fostering independence and problem-solving skills.
- **Friendly Presence:** Motivates and inspires students to explore their full potential.

Collaborative Design

- ART is co-designed with students and educators and is currently being field-tested in various courses across multiple universities and universities of applied sciences.

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