MAGAZINE

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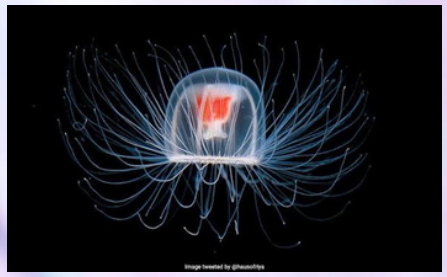
Byte Quest

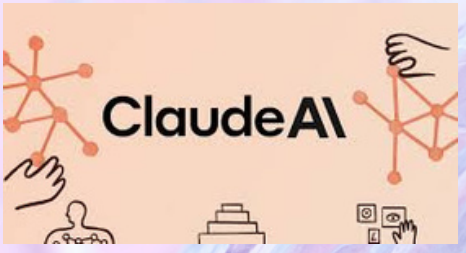
Department of CSE

Amazon smart glasses for drivers



Age reversing jellyfish

xbox AI



Claude ai

Department Vision

To be a center for academic excellence in the field of Computer Science and Engineering education to enable graduates to be ethical and competent professionals.

Department Mission

To enable students to develop logic and problem solving approach that will help build their careers in the innovative field of computing and provide creative solutions for the benefit of society.

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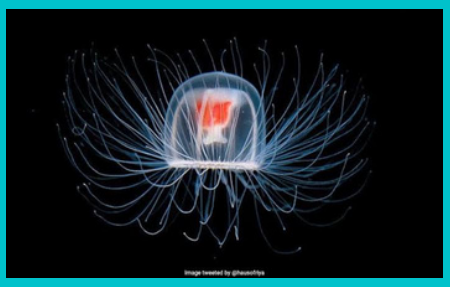
Amazon smart glasses for drivers:

Amazon is reportedly developing smart glasses specifically for its delivery drivers, aiming to enhance efficiency during deliveries. This initiative, internally named "Amelia," will feature built-in navigation to assist drivers in locating delivery points quickly, particularly in complex environments like apartment buildings. The glasses are expected to come with a camera, allowing drivers to take photos as proof of delivery. This hands-free approach aims to streamline tasks, reducing the reliance on handheld devices, thereby enabling drivers to carry more packages and potentially complete more stops per shift.

Amazon is facing several technical challenges in bringing this project to life, particularly regarding battery life and mapping data. The glasses need a compact yet long-lasting battery to endure an entire delivery shift. Additionally, extensive location data is required to make the navigation system effective. While there is no confirmed launch date, there is speculation that the device could be introduced around 2026, depending on the progress of overcoming these hurdles.

Age reversing jellyfish:



A recent study has revealed that comb jellies, specifically the species Mnemiopsis leidyi, possess the remarkable ability to age in reverse. Under stressful conditions like food scarcity or injury, these creatures can revert from their adult form back to a juvenile stage, effectively regressing to their larval state. This process involves the reappearance of tentacles used for feeding, enabling them to adapt to new ecological niches. This discovery marks comb jellies as one of the few known species capable of such age reversal, offering new insights into aging and regeneration.

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XBOX AI

Microsoft has launched a new AI-powered chatbot designed to enhance Xbox customer support. This AI service aims to streamline the troubleshooting process for users by providing quick responses to common issues. Initially, the feature is available exclusively to participants of the Xbox Insiders program, a community that tests new features before their wider release. Users can interact with the chatbot on the Xbox support portal, where it will offer solutions to common problems. If the AI cannot resolve the issue, users can still opt to connect with a live support agent during operational hours.

The introduction of this chatbot reflects Microsoft's broader push to integrate AI into its services, similar to other features like Windows Copilot. By leveraging AI, Microsoft hopes to reduce wait times and improve user experience, though live support will still be available for more complex issues.

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Claude ai

Anthropic's Claude AI has been upgraded to handle coding tasks and real-time data analysis. This marks a significant enhancement in its capabilities, enabling it to not only generate and debug code but also analyze live data streams. These new features position Claude as a competitor to other advanced AI models like OpenAI's GPT-4, focusing on practical applications in fields such as software development and data analysis. This update comes shortly after Claude gained the ability to use external tools, making it a versatile solution for businesses looking to integrate AI-driven automation in their workflows.

The improvements aim to simplify tasks such as generating insights from data, automating repetitive coding tasks, and even providing on-the-fly solutions during software development. These advancements could greatly benefit industries seeking real-time problem-solving capabilities without the need for extensive manual intervention.

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