MEET JILL WATSON GEORGIA TECHS FIRST AI TEACHING ASSISTANT

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How did Georgia Tech use AI to unburden harried teaching assistants? How Georgia Tech Used AI to Unburden Harried Teaching Assistants. At the Georgia Institute of Technology, many of the students in a master's-level AI class were unaware that one of their teaching assistants, Jill Watson, wasn't human. (This was despite the clue in her name, which refers to IBM's Watson.)

Who was the first Al virtual assistant? Siri made its highly anticipated debut with the release of the iPhone 4S in 2011, becoming the first mainstream Al-powered personal assistant accessible to a wide audience. The significance of Siri's introduction lay not only in its technological innovation but also in its user-friendly approach.

What did Georgia Tech used to be called? Founded as the Georgia School of Technology, Georgia Tech assumed its present name in 1948 to reflect a growing focus on advanced technological and scientific research.

Does Georgia Tech have an AI program? The degree program equips undergraduate students with skills and knowledge to use AI and ML to solve problems in engineering, humanities, and social sciences. It also provides students with the insight to describe and discuss the ethics and policy implications of AI.

Who is the number one Al assistant? Google Assistant is a top Al assistant due to its advanced Al capabilities, extensive integration with Google's ecosystem, and continuous learning ability. Google Assistant is available on both Android and iOS,

catering to a broad audience.

Who is the first Al legal assistant? In less than a year since its launch, CoCounsel, the first-ever legal Al assistant has been rolled out to more than 45 large law firms in the United States—including six of the Am Law 10—which employ in total more than 50,000 lawyers.

Is Siri considered AI? Siri is Apple's virtual assistant for iOS, macOS, tvOS and watchOS devices that uses voice recognition and is powered by artificial intelligence (AI).

Why is Georgia Tech so famous? Georgia Institute of Technology is a world-class public university distinguished for its premiere STEM-focused education. With over six colleges, 100+ Ph. D. and master's programs, and a variety of interdisciplinary degrees, an education from Georgia Tech can take you anywhere you want to go.

What do people at Georgia Tech call themselves? 'Reck' or 'Wreck'? Students at Georgia Tech call themselves Ramblin' Wrecks with a 'W'. Since it's purchase by Dean Dull in 1960, the car has historically been spelled with an 'R'. Reck Club continues to maintain this tradition.

Is Georgia Tech an lvy school? Georgia Tech offers the unparalleled quality of an lvy League education within a public university. The Institute's technologically-focused curriculum earns consistently strong rankings by national publications.

What GPA does Georgia Tech want? With a GPA of 4.07, Georgia Tech requires you to be at the top of your class. You'll need nearly straight A's in all your classes to compete with other applicants.

How much does an Al engineer earn in Georgia?

What program is Georgia Tech known for? Georgia Tech's engineering and computing Colleges are the largest and among the highest-ranked in the nation, and the Institute also offers outstanding programs in business, design, liberal arts, and sciences.

What is the best Al assistant for schools? TeachMateAl is the leading education Al assistant, trusted by over 213,000 educators worldwide. To date, we've saved

teachers 105,741 days of time with our Al powered tools.

What is the first Al assistant? An Apple virtual assistant called Siri was launched in 2011 and quickly became a cultural phenomenon. The technology behind Siri comes from a project called CALO, funded by the Defense Advanced Research Projects Agency (DARPA) in the United States.

Which Al assistant is free?

What is the most powerful Al assistant? Google Assistant – Best for Al scheduling The Al voice-powered virtual assistant can do all sorts of things. Schedule appointments, move meetings, and set alarms without opening an app. Or, translate foreign languages during your business travels with just your camera.

Who is the first Al teacher in the world? Al digital teachers can be a solution for lack of teachers in remote areas world wide. They can automate learning and provide quality education at a lower cost. Ever heard of an Al Teacher who can teach like a human. Get introduced to Beatrice the world's first human teacher.

Who is the godfather of AI? Geoffrey Hinton, the computer scientist who is often called "the godfather of A.I.," handed me a walking stick.

Is Siri always listening? For now, you can breathe a sigh of relief as Siri doesn't always listen to your conversations. In fact, voice assistants wait for a specific trigger phrase (such as "Hey Siri") to start listening to you and recording your voice. Until an assistant like Siri hears it, it won't listen to you.

Is Alexa smarter than Siri? Alexa and Siri both are smart, and they outrun each other when they are used in their right use case. For instance, there is nothing better than Siri when it comes to providing a device-synced experience within Apple devices. At the same time, Alexa will be smarter when you want third-party integrations.

Is Amazon Alexa considered Al? Conversational Al systems are computers that people can interact with simply by having a conversation. With conversational Al, voice-enabled devices like Amazon Echo are enabling the sort of magical interactions we've dreamed of for decades.

What is an example of how AI is currently being used in higher education? Examples of how artificial intelligence is currently being used in higher education include: Plagiarism Detection. Exam Integrity. Chatbots for Enrollment and Retention.

What sets Georgia Tech apart from other schools? Georgia Institute of Technology is a world-class public university distinguished for its premiere STEM-focused education. With over six colleges, 100+ Ph. D. and master's programs, and a variety of interdisciplinary degrees, an education from Georgia Tech can take you anywhere you want to go.

What are the positive uses of Al in higher education? The use of Al in higher education has the power to provide insight that can inform strategic planning. This ensures that the decisions made by professional service leaders are supported by data for greater impact.

Who created Teachmate AI? We believe in building a future of primary and secondary education that elevates learning experiences and supports teachers — because wellbeing starts with workload. Built by teaching and tech experts Lee 'Mr. P ICT' Parkinson, Dr. Jon Chippindall, AKA 'Dr. Chips' and Ian Cunningham (just lan!).

Is AI a threat to higher education? Using student data for assessments involving AI raises ethical concerns about privacy and transparency. These tools can also hallucinate, promote misinformation, and violate the rights of content creators. In other words, they can do real harm.

How does Al affect students negatively? Bias and Inequality Al algorithms can perpetuate existing biases present in the data they're trained on. This can lead to unequal learning experiences, to the detriment of students from certain backgrounds.

Who is using AI in education? 60% of Educators Use AI in Their Classrooms AI tools for teacher and student support are growing in popularity. Our survey found that younger teachers are more likely to adopt these tools, with respondents under 26 reporting the highest usage rates.

What is Georgia Tech famous for? Tech's engineering and computing Colleges are the largest and among the highest-ranked in the nation. The Institute also offers outstanding programs in business, design, liberal arts, and sciences.

What are students of Georgia Tech called? The term Ramblin' Wreck from Georgia Tech refers to either current students or alumni, the school mascot (also referred to as the Ramblin' Reck), or the various sports teams.

What is the Georgia Tech motto? The Georgia Tech motto of "Progress and Service" leads to exceptional contributions on an individual level as well.

How can teachers use AI in the classroom? AI benefits teachers by automating routine tasks like grading, offering data-driven insights for lesson planning, and providing tools for personalized student support. This allows educators to focus on high-value activities, enhancing instructional effectiveness and student engagement.

What is AI in simple words? Artificial intelligence is the science of making machines that can think like humans. It can do things that are considered "smart." AI technology can process large amounts of data in ways, unlike humans. The goal for AI is to be able to do things such as recognize patterns, make decisions, and judge like humans.

What are the disadvantages of AI? But beyond the headlines that either peddle hype or fear, what does AI do? The advantages range from streamlining, saving time, eliminating biases, and automating repetitive tasks, just to name a few. The disadvantages are things like costly implementation, potential human job loss, and lack of emotion and creativity.

Can Al replace teachers? It's designed to follow instructions to a T, sometimes to a fault. It can't tailor its outputs to the nuances of a class dynamic, respond to a student's unspoken anxieties, or adapt to the unexpected detours that often lead to the most profound learning experiences. Al can't replace teachers without these capabilities.

What is the best free AI site for teachers? Canva is a free, user-friendly graphic design AI tool for educators wanting to create stunning visual aids, engaging lesson plans, interactive presentations, and more. It has one of the best resource libraries, MEET JILL WATSON GEORGIA TECHS FIRST AI TEACHING ASSISTANT

with not just templates, infographics, and posters but also gifs, videos, animations, and music.

How much is TeachMateAi? If full access is what you're after, TeachMateAi is priced well, at £6.99 per month for individual use, or £72 for the year. There are also pricing models available for whole school access, such as £395 for 10 users - making it less than £40 a year.

The Three Little Cajun Pigs: A Louisiana Folktale

Question 1: Who are the three little Cajun pigs? Answer: The three little Cajun pigs are Bouillie, Petite Bouillie, and Gros Bouillie. They are mischievous and adventurous, eager to leave home and build their own houses.

Question 2: What do the pigs build their houses from? Answer: The first pig, Bouillie, builds her house of straw. The second pig, Petite Bouillie, builds her house of sticks. The third pig, Gros Bouillie, builds his house of bricks.

Question 3: Who comes to huff and puff and blow down their houses? Answer: The Big Bad Wolf comes to huff and puff and blow down their houses. He easily destroys the straw and stick houses of Bouillie and Petite Bouillie.

Question 4: What happens to the pigs whose houses are blown down? Answer: Bouillie and Petite Bouillie run to Gros Bouillie's house for safety. The wolf tries to blow down the brick house, but it is too strong. Enraged, the wolf tries to climb down the chimney, but Gros Bouillie boils a large pot of gumbo and pours it down the chimney, scalding the wolf and sending him away.

Question 5: What is the moral of the story? Answer: The moral of the story is that being prepared and diligent is important. Gros Bouillie's solid brick house represents hard work and planning, which ultimately protects him and his siblings from the dangers of the world.

Transmission Lines and Waves: Questions and Answers

By John D. Ryder

1. What is a transmission line?

A transmission line is a structure designed to guide electromagnetic waves from one point to another with minimal loss. It consists of two or more parallel conductors, typically wires or coaxial cables, separated by a dielectric material.

2. What are the different types of transmission lines?

There are two main types of transmission lines: coaxial and TEM (transverse electromagnetic). Coaxial lines have a central conductor surrounded by a cylindrical outer conductor and a dielectric between them. TEM lines have parallel conductors with a dielectric between them and are commonly used in high-frequency applications.

3. What are the characteristics of transmission lines?

Transmission lines are characterized by their inductance, capacitance, resistance, and conductance per unit length. These parameters determine the propagation characteristics of the line, such as the speed and attenuation of the signal.

4. What is wave propagation on transmission lines?

When a voltage or current is applied to a transmission line, it creates an electromagnetic wave that travels along the line. The wave has a certain frequency, wavelength, and propagation velocity. The speed of propagation is determined by the electrical and physical properties of the line.

5. What are the applications of transmission lines?

Transmission lines are used in a wide range of applications, including:

- Telecommunications: To transmit telephone, data, and broadband signals
- Power distribution: To transmit electrical power from generators to users
- Antennas: To radiate or receive electromagnetic energy

Truss Analysis Problems and Solutions

Trusses are structural frameworks composed of slender members connected at their ends to form triangular shapes. They are commonly used in bridges, roofs, and other structures that require both strength and lightness. Analyzing trusses involves MEET JILL WATSON GEORGIA TECHS FIRST AI TEACHING ASSISTANT

determining the forces and stresses in their members due to external loads.

Q1: How do you determine the axial force in a truss member? A1: The axial force in a truss member is the internal force acting along its length. It can be calculated using the method of sections, which involves cutting the truss at a section and analyzing the forces acting on the cut members.

Q2: What is the difference between a zero-force member and a redundant member? A2: A zero-force member is a truss member that does not experience any axial force under any loading condition. A redundant member, on the other hand, is a member that is not necessary for the structural stability of the truss and can be removed without affecting its overall behavior.

Q3: How do you handle indeterminacy in truss analysis? A3: Indeterminacy occurs when the number of unknowns in a truss exceeds the number of equilibrium equations available. This can be resolved by applying the method of compatible deformations, which assumes that the truss members deform in a compatible manner under external loads.

Q4: What are the common failure modes of trusses? A4: Common failure modes of trusses include:

- Tension failure: When a truss member experiences excessive tensile stress beyond its yield strength.
- Compression failure: When a truss member buckles under excessive compressive stress.
- Shear failure: When a truss member experiences excessive shear stress at its connections.

Q5: How can you improve the structural performance of a truss? A5: Improving the structural performance of a truss can involve:

- Using stronger materials with higher yield strengths.
- Increasing the cross-sectional area of truss members.
- Reducing the span length of the truss.
- Adding additional members to increase redundancy.

Implementing bracing systems to prevent buckling and shear failures.

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