

bitWise Academy Interactive and Immersive STEM Experience for All Students



Active learning by each student should be the cornerstone of our educational system. Since 2014, G. Venkat, the CEO of bitWise Academy, has developed the A++ Methodology™ to bring Science, Technology, Engineering, and Mathematics (STEM) education to students around the world. The foundation of this approach emphasizes how students in grades K through 12 can Advance, Accelerate, and ultimately Achieve mastery of STEM subjects based on the multi-disciplinary curriculum, course content, tools, on the bitWise e-learning platform. bitWise Academy incorporates Artificial Intelligence (AI) and machine learning to tailor each course to a student's individual learning style. Venkat believes that, "STEM is multidisciplinary and STEM education should not only encompass emerging technologies, math, science, and coding principles; it must also recognize the visual arts by incorporating freehand drawing, graphics design, and product design." bitWise encourages students to explore cutting-edge, high-tech subject areas and cultivate a curiosity for learning while strengthening traditional Common Core fundamentals.

At the heart of its methodology, bitWise Academy leverages its deep expertise in AI and machine learning

algorithms to uncover how students learn. Venkat explains that the platform understands each student's space, concept mastery, personal interests, time commitment, and many other factors in order to maximize his or her learning potential." The platform delivers content that supports industry-leading Experience API (xAPI) standards to continuously collect metrics and analyze data points to tailor the student's learning with highly interactive and immersive experiences.

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We demystify student apprehensions about learning innovative STEM concepts, Advanced Placement subjects, and disruptive technologies necessary to build our future
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Recognizing that social media and community forums are important aspects of student-life today, bitWise Academy offers a one-of-a-kind opportunity to engage with Chatbot avatars or collaborate via the Friends Circle™ to discuss curriculum topics. There is also a Community Forum™ where students, teachers, and parents can post questions and answers.

Venkat's commitment to offering STEM education to all students is evident in the accessibility and affordability of the program: "bitWise Academy believes that STEM education is fundamental to advancing innovation in multidisciplinary

fields and all students should pursue topics such as game programming, computer science, statistics, data science, robotics, 3D printing, space exploration, and IoT (Internet of Things - such as drones or Raspberry Pi) to take advantage of the opportunities of tomorrow." Students that avail the bitWise A++ Methodology™ Advance, Accelerate, and ultimately Achieve highly developed problem-solving, critical thinking, and advanced analytical skills both inside and outside of the traditional classroom.

In June 2019, bitWise Academy unveiled its free global STEM Channel on WhatsApp. Subscribers receive seamless delivery of questions and answers in math, physics, chemistry, biology, and computer science in addition to curated posts on current trends in STEM education. Membership to this WhatsApp STEM Channel is available by registering at bitwiseacademy.com.

For the past five years, bitWise Academy has empowered students all over the globe to experience multidisciplinary STEM education and avail proprietary problem-solving tools. To guide these efforts, bitWise Academy has instituted a Board of Education comprised of renowned educators to review content and continually align the A++ Methodology™ with traditional Common Core and honors-level Advanced Placement (AP) subjects.

With its distinguished Board of Education, interactive features, Chatbot avatars, Friends Circle™, Community Forms™, and a free global STEM Channel on WhatsApp, bitWise Academy is delivering on its mission to bring multidisciplinary STEM education to all students regardless of age, gender or geographic location. **ET**

Education

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Top 10 Artificial Intelligence Solution Providers - 2019

Learning has been and will always be a fundamental part of evolution. As our collective intelligence improves, we are beginning to create machines that have human-like abilities to learn and make strategic decisions.

Education sector has come a long way since the capability of artificial intelligence (AI)-based teaching has entered the domain. Today, students do not need to attend physical classrooms to study as long as they have access to internet connection. AI is also allowing the automation of administrative tasks, allowing institutions to automate mundane tasks so that the educators can spend more time with students. Now is the time to discuss the transformations brought by AI in education.

AI is showing massive potential in the automation and personalization of administrative tasks such as the evaluation

of written responses, grading of homework, among others. The admission process has also benefitted from AI with the automation of processing and classification of paperwork.

To help education institutions navigate through the best-breed AI technology solution provider, Education Technology Insights has compiled this edition on top 10 artificial intelligence solution providers. Through a distinguished panel comprised of CIOs, VCs, industry analysts, and Education Technology Insights' editorial panel, we have evaluated and shortlisted 10 organizations that have significantly stood out as some of the most prominent players in the AI technology for the year 2019. The organizations featured in this issue through their business knowledge and industry prowess have established their eminence in the AI technology sector.

We present to you Education Technology Insights' "Top 10 Artificial Intelligence Solution Providers – 2019."



Company:
bitWise Academy

Description:
Interactive, adaptive-learning platform, driven by advanced machine learning algorithms and AI, for personalized student experiences

Key Person:
G Venkat
Founder & CEO

Website:
bitwiseacademy.com