

Iranian teacher builds robot to teach prayer

February 25 2014



In this picture taken on Saturday, Feb. 22, 2014, Iranian school teacher Akbar Rezaei, 27, checks his robot at his home in the city of Varamin some 21 miles (35 kilometers) south of the capital Tehran, Iran. Rezaei who has built a robot to show to children how to execute daily prayers, has innovated an amusing way of encouraging young children to say their daily prayers by using the science of robotics. Out of personal interest and unrelated to his field of study, Akbar Rezaei attended private robotics classes and acquired the skill of assembling and developing customized humanoid robots. He built the robot at home with basic tools and gave it the designation "Veldan", a term mentioned in Quran meaning: "Youth of Heaven". By applying some mechanical modifications such as adding up two extra engines Akbar Rezaei managed to let the robot perform praying movements, such as prostration, more easily. (AP Photo/Vahid Salemi)

(AP)—An Iranian schoolteacher has innovated an amusing way of encouraging young children to say their daily prayers—robotics.

Akbar Rezaie, 27, attended private robotics classes and learned to develop and assemble customized [humanoid robots](#).

He teaches the Quran to boys and girls at Alborz elementary school in the town of Varamin, 35 kilometers (20 miles) southeast of Tehran.

A Western dancing and singing doll first sparked in his mind the idea of building a local robot to present religious practice to his students.

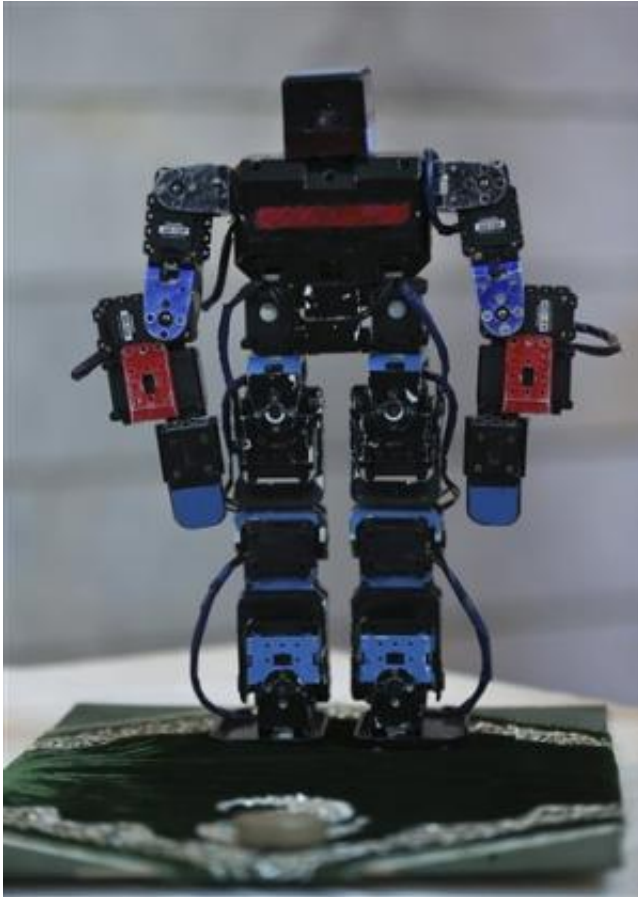
"Once I was at a family gathering where there was a little girl playing with a doll that could dance and sing. I saw her watching the doll passionately and it made me contemplate on a making a device that can be used for both religious and entertaining purposes." He told AP Television.

He built the robot at home with basic tools and gave it the designation "Veldan," a Quranic term meaning: "Youth of Heaven."

Veldan is a humanoid robot constructed using an educational kit from the Korean robot manufacturer Robotis Bioloid.

By applying some mechanical modifications such as adding two extra engines, Akbar managed to let the robot perform praying movements, such as prostration, more easily.

"It was so exciting to me to see a robot pray. I have decided to always say my prayers too," said Narges Tajik, a third grader at Alborz School said.



In this picture taken on Saturday, Feb. 22, 2014, Veldan, a humanoid praying robot which is built by Iranian school teacher Akbar Rezaie, is seen at his home in the city of Varamin some 21 miles (35 kilometers) south of the capital Tehran, Iran. Rezaei who has built a robot to show to children how to execute daily prayers, has innovated an amusing way of encouraging young children to say their daily prayers by using the science of robotics. Out of personal interest and unrelated to his field of study, Akbar Rezaei attended private robotics classes and acquired the skill of assembling and developing customized humanoid robots. He built the robot at home with basic tools and gave it the designation "Veldan", a term mentioned in Quran meaning: "Youth of Heaven". By applying some mechanical modifications such as adding up two extra engines Akbar Rezaei managed to let the robot perform praying movements, such as prostration, more easily. (AP Photo/Vahid Salemi)

He describes the robot as an educational assistance to teachers and believes that it has so far been successful in attracting students and should be mass-produced.

"As you see the children's reaction in their faces, you realize how interesting it is to them to see how the science of robotics has been beautifully used for a religious purpose and I am sure it will be greatly effective in teaching them how to pray," he said.

He has formally registered the [robot](#)'s invention patent and its intellectual rights at Iran's State Organization for Registration of Deeds and Properties, a body in charge of recognizing inventions.

© 2014 The Associated Press. All rights reserved.

Citation: Iranian teacher builds robot to teach prayer (2014, February 25) retrieved 3 May 2024 from <https://phys.org/news/2014-02-iranian-teacher-robot-prayer.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--