



LUXEMBOURG, WEDNESDAY 27 FEBRUARY

World premiere! ISL music student performs a commissioned piece by an artificial intelligent composer

During the annual International School of Luxembourg (ISL) music and art recital, student Langqi Jin performed a piece for solo piano entitled 'Through Time' which was produced entirely by artificial intelligence.

Langqi worked on the piece with his music teachers and AIVA (Artificial Intelligence Virtual Artist) Technologies – a start-up based in Luxembourg that develops artificial intelligence capable of composing emotional symphonic music for films, video games, and commercials.

The AIVA technology system has been learning the art of music composition by reading through a large collection of music partitions, written by the greatest composers such as Mozart, Beethoven, and Bach, to create a mathematical model representation of what music is. This model is then used by AIVA to write completely unique music.

This is the first time the artificial intelligence company has worked with a student on a piece of music.

After the magnificent performance ISL IGCSE music student, Langqi Jin, said: "A lot of people have misconceptions about artificial intelligence composers, I personally did not totally believe the quality of the music until I started playing - it felt just the same as a piece composed by human composers. It was definitely a very unique experience, and thanks to the opportunity it has changed my view on AIVA and the general idea of artificial intelligence composed music. I would love to play more music by AIVA and I think it's a brilliant thing to share with others. The AIVA personnel were very helpful and I absolutely enjoyed the whole experience."

AIVA Founder and CEO, Mr. Pierre Barreau, said: "We think there's an incredibly exciting opportunity for us to leverage the power of AIVA, not just to enhance the creativity of existing professional composers, but also to help educate and assist the next generation of artists in their future endeavours."

ISL Academic Leader of the Arts, Dr. Demosthenes Dimitrakoulakos said: "AIVA is a creative agent for positive and effective change in the field of music education. Having students work with AIVA is not just about having an artificial intelligent composer write a piece for an individual student or a specific type of ensemble. AIVA has so much to offer in terms of helping

stimulate students with ideas to improve their own compositions, across a variety of musical cultures and styles from “classical” to Chinese to rock to video game and film music.

ISL is the first school to work with and commission AIVA. It is proving to be an exciting opportunity and a different way for students to learn about composing, orchestrating, and arranging, in addition to the aspect of performance practice. Students can play pieces composed by AIVA or perform their own pieces in which AIVA has helped students develop certain thematic and rhythmical ideas. AIVA can certainly play a powerful role in developing creativity and composing skills within the field of music education in the future.”

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