## Australian Technology Start-Up Training Teachers and Students in Artificial Intelligence

Sydney, AUSTRALIA (29 April 2019) – Australian school teachers and students are getting a boost in the global technology education race thanks to Australian Artificial Intelligence company Neuranext.

The Sydney-based technology start-up has pioneered two specialist school-based training programs that introduce teachers and students to the fast-developing world of Artificial Intelligence (A.I.).

Titled *Artificial Intelligence in the Future Focused School*, the programs seek to stimulate Australian students' interest in this fascinating field, with a view to Australia's next generation of scientific minds leading this technology's rapid global development.

Teachers and students from primary and secondary schools in the New South Wales far-north and mid-north coastal regions recently commenced their A.I. learning journeys with the two pioneering education programs.

Along with explanations about the technology, the students' incursion-based STEM (science, technology, engineering and mathematics) program included A.I. based activities such as detecting and classifying objects using computer vision as well as operating a scale-model car specially programmed with autonomous driving technology, which proved to be the most popular part of the course.

Like their students, teachers learned how A.I. technology works and applied it using the same object detection and classification tasks as well as exercises with Neuranext's self-driving car. Importantly, they learned the many ways A.I. technologies can impact life, its wider societal implications and the role it can play in the future of their students' lives. This is the first state government-approved course in Artificial Intelligence to be accredited for the professional development of school teachers.

Both courses are delivered by a fully accredited NSW school teacher.

"Artificial Intelligence is arguably the ideal field for advancing STEM knowledge for Australian students," said Adrian Tyson, Managing Director and Co-founder of Neuranext. "And the first step for our kids' A.I. journey is for their teachers to become educated about the technology.

"A.I. is rapidly impacting economies and societies and there is an opportunity for Australian students to become the next global leaders in this scientific field. Our *A.I. in Schools* program and our professional development course for Australian school teachers are helping to achieve this."

Global investment in A.I. by both governments and private sectors show the importance this technology has gained in recent years. Countries such as The United States of America and China acknowledge the growing role A.I. is playing in many industries and venture funding for the technology reached record-high levels in 2018. Last year, funding of A.I. focused companies in the USA reached US$5.4 billion and in 2017 China announced its aim to develop a domestic A.I. industry worth nearly US$150 billion with a target of global leadership of the technology by 2030.

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**About Neuranext Pty Ltd**

Neuranext is an Australian company specializing in the practical application of Artificial Intelligence (A.I.) in commercial and non-commercial settings. Neuranext assists its clients to solve problems that involve high-stakes decision-making in situations involving large-scale datasets. The company is led by four skilled professionals with extensive experience in academia, research and commercial operations.

Neuranext is Chaired by a data scientist specialising in psychometrics and mathematical psychology. The company uses both the R and Python languages for Machine Learning and uses Caffe, Caffe2, PyTorch and TensorFlow in its A.I. work. Neuranext is a member of NVIDIA's Inception Program for A.I. Startups. Visit neuranext.com.

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