

neuranext.ai



ARTIFICIAL INTELLIGENCE STEM & CAREER INCURSIONS

ALIGNED TO THE SCIENCE & TECHNOLOGY SYLLABUSES

Spark student interest in
the most important
technology of a generation
and explore emerging careers.

HIGH SCHOOL

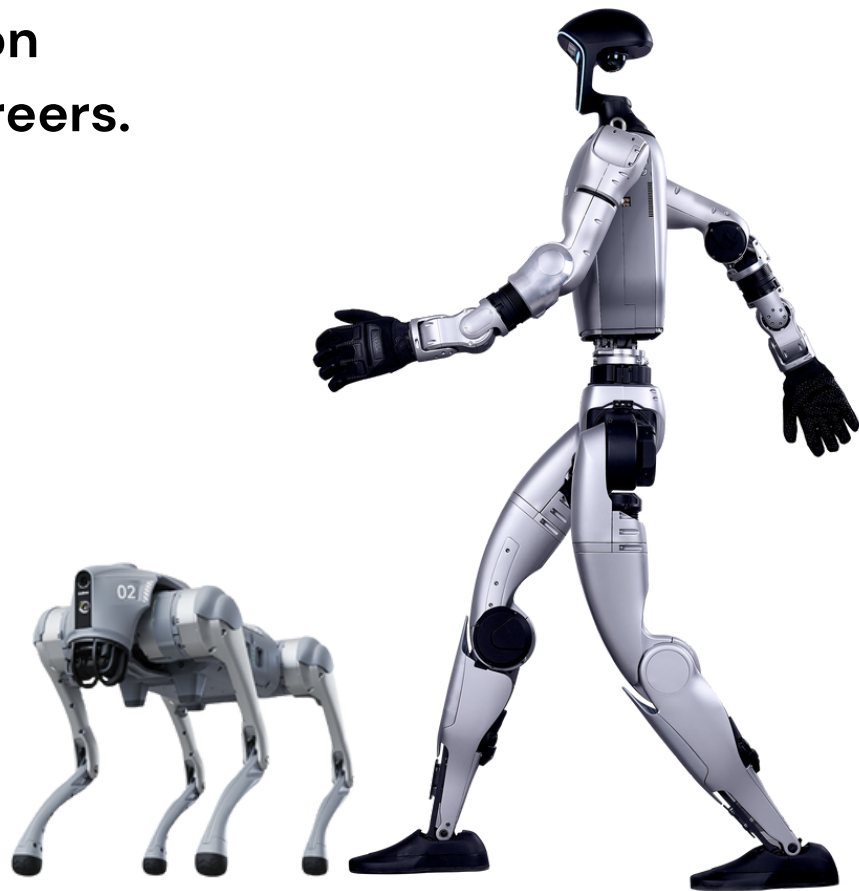
Students learn about A.I.
via a series of live interactive
implementations of the tech
including computer vision,
autonomous cars & robotics.

Join *Barker College, Macarthur
Anglican, Liverpool Girls High,
Gymea Tech High* & many
more in bringing A.I. education
to your students.

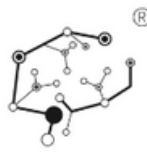
Connect your students to A.I.
learning opportunities.

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neuranext.ai



Exclusively delivered by NSW Teacher

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Fully Insured & Risk Assessed

Artificial Intelligence Education Incursion Outline

- Students begin with a discussion about A.I. covering their current knowledge and usage. Topics include the current state of the art in A.I. and the computing breakthroughs that are driving A.I. We explore examples of emerging A.I. first careers and jobs.
- Students learn about the key scientific concepts of computer vision and how A.I. labels unstructured data.
- Students experience live computer vision applications like object detection, human pose estimation and face detection in the room, applying the concepts learnt in real time on the students themselves. All students interact with Object detection, Human Pose Estimation and Face detection AI and experiment with pose, expressions and movement to learn about the effect of altering the data on the AI outputs.
- Utilising remote control cars, we ask some students to drive a large driving track using the traditional tool, the human brain, which takes significant concentration. We then apply computer vision to the driving task with autonomous cars. We explore the mistakes and errors of these cars and engage students with what is happening with the data to produce and cure these errors.
- Students then interact with multiple cutting edge A.I. powered robotics, we explore how A.I. enables these robots to complete useful tasks and ask students to think creatively about use cases for these new tools in industry and regular settings. Students will operate, voice interact and code the robot to complete tasks.
- Switching gears we move to exploring the worlds of generative A.I. where students explore the worlds of text, image, music, voice, code and video generation. Critical thinking about these new modes of creating media are discussed and activities around discerning real from A.I. generated media are undertaken.
- **In partnership with Sydney based world leading A.I. company Harrison.AI we explore A.I. jobs in Sydney with a focus on solving real world problems, what companies are looking for in a job candidate, both technical and soft skills, and advice on how students can proactively learn about A.I. and give themselves an advantage in the jobs market.**
- **We link students to TAFE A.I. microskills and provide ongoing access to online resources linking to all tools used in the presentation and links to further learning.**

AI Careers Incursion sessions:

90 minute session for 15 to 30 students @\$635 per session*

***min 2 sessions per day, maximum of 3 sessions per day.**



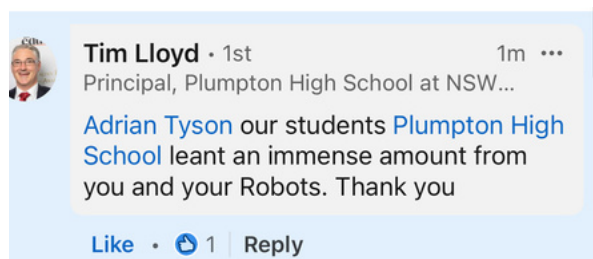
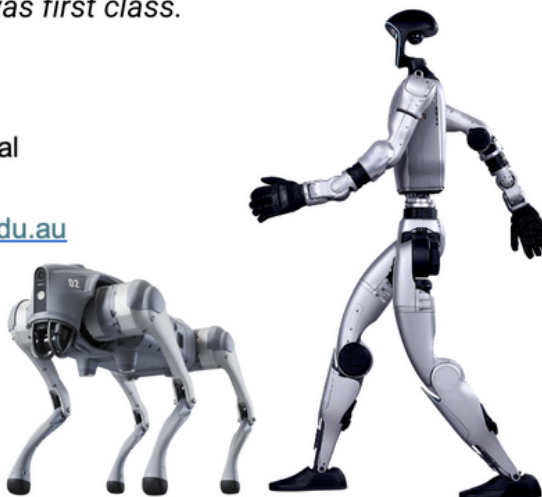
Harrison.AI APAC Commercial Leader Tony Saliba discusses their world leading Sydney based AI work and expanding job opportunities, giving students advice on how to become involved in the emerging AI led economy.

It was a great pleasure for us to have Adrian from Neuranext.AI come to Castle Hill High School as part of our STRIVE initiative. Both the students and staff were extremely impressed with the 90 minute workshops about the use of A.I. in robotics which he delivered. The robots Adrian brought varied from interesting to completely captivating. The subject material about practical uses of A.I. was important and interesting, both to students undertaking computing studies and students who are not.

What stood out to me most, however, was that Adrian is a high quality presenter and communicator, immediately developing strong rapport with students he had never met. The whole experience was first class.

John Wright

Relieving Deputy Principal
Castle Hill High School
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Thank you

Hi Adrian and Trevor,

I would like to extend our thanks to you both for organising and running this wonderful incursion to educate our students. The session was incredibly insightful and has left a lasting impact on our students.

I have posted the survey to the Google Classroom for completion.

Thank you.

Regards

Jerry Mouzakis
Careers Adviser
Sydney Technical High School