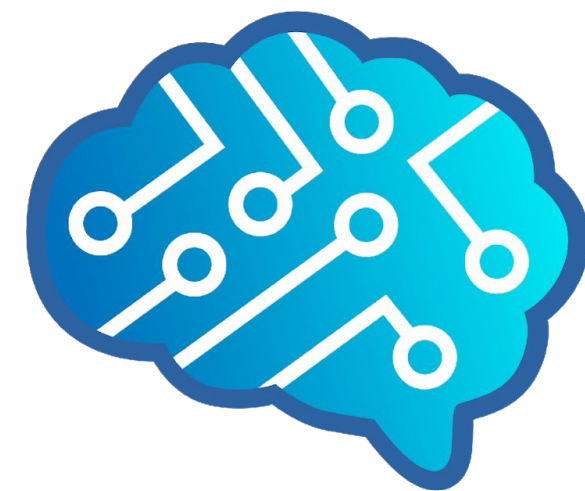


MyComputerBrain What's New?



DIGITAL
TECHNOLOGIES
INSTITUTE

web: <https://mycomputerbrain.net>
email: enquiries@digital-technologies.institute

Background and History



- Heading up Digital Technologies Institute
- Father of 7 children
- Doctor of Computer Science (University of Queensland)
- Founder, Young ICT Explorers
- Founder, Bebras Challenge Australia
- Chief Nerd, MyComputerBrain

Certificates of Participation, Recording, Slides

Will be emailed by tomorrow mid-day

Agenda



- Overview of this year's releases to date
- Demonstration of
 - Cyber Command
 - Capture the Flag with AI and Robotics
 - Curvelab
- Roadmap
- Q&A

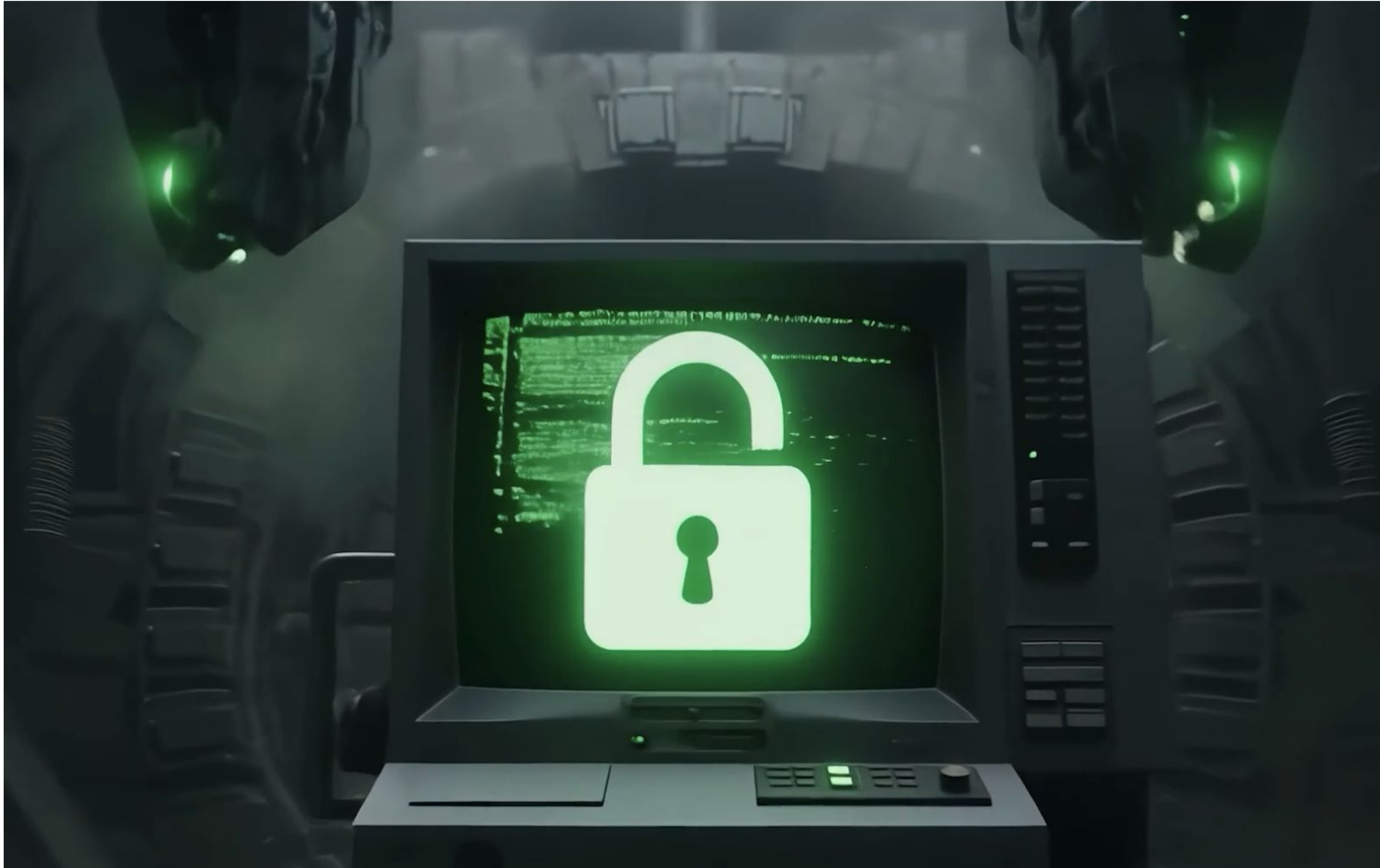
Getting Started with MyComputerBrain will be held on August 13

What is MyComputerBrain?



- Australian-made educational platform for primary and secondary schools
- Developing since 2017 to simplify the teaching and learning of Digital Tech: Digital systems, AI, cybersecurity, coding.
- New: Mathematics

Our philosophy



- Align with the learning styles of gens Z and Alpha, which are driven by gaming and social media.
- **But** do not compromise the depth of learning and explicit teaching.
- Complex content is best taught through engaging **storytelling**, videos, music and narration.
- Learning should feel less like being taught and more like actively doing **purposeful** exploration.

This Year's Releases

Academy of AI Cyber Defence

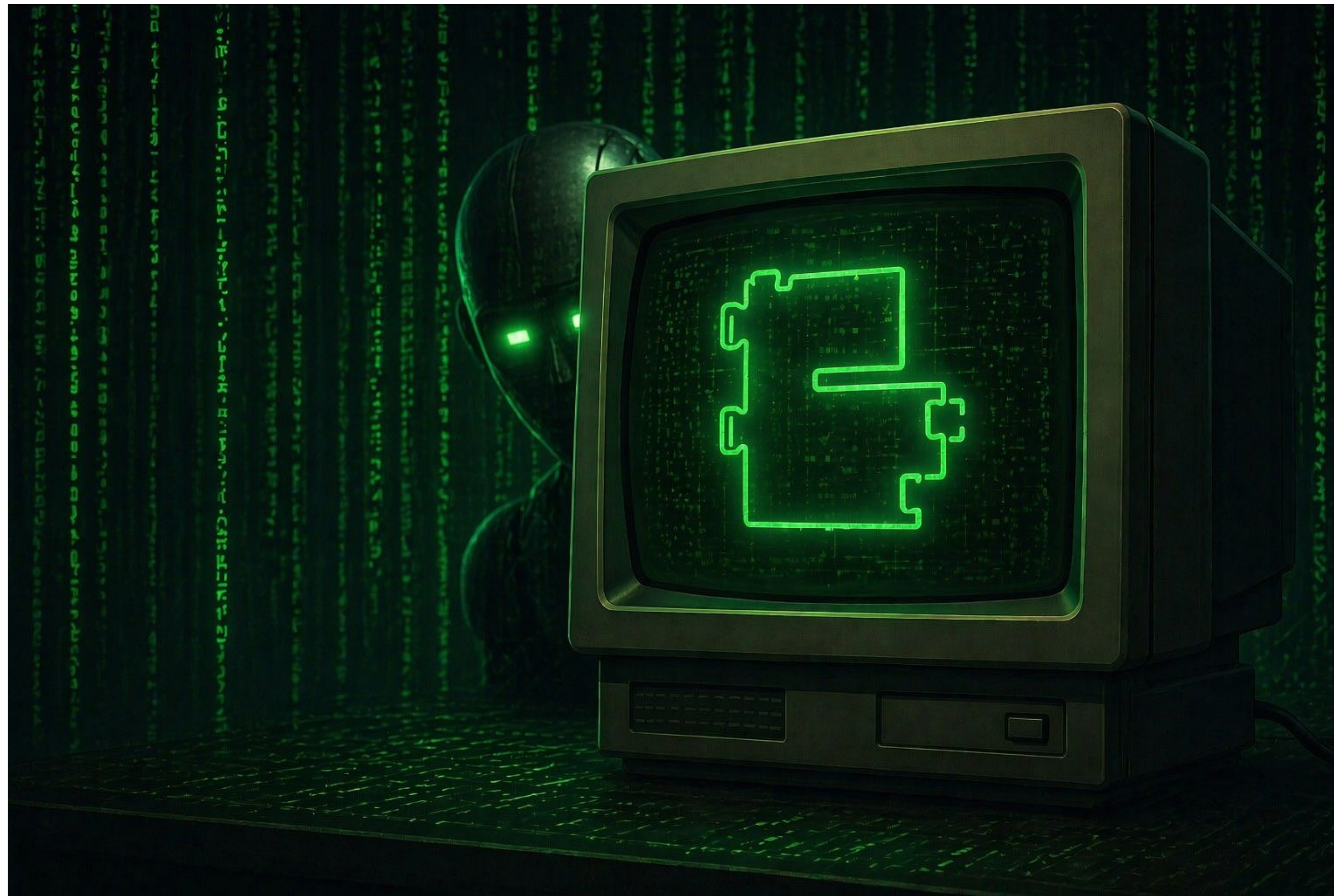


Sequel to Python Intro

Students join a secret government organisation to hunt for SKNNET fragments that escaped during the endgame of PY Intro.

Years 7-12

Cyber Mystery



Blockly-Counterpart of Python Intro.

Pedagogically enriched, simpler language.

Years 4-6

Years 7+ students who struggle with general purpose coding



Introduction to Python

Full foundations

A comprehensive introduction to Python. Ideal for students who want to explore concepts in depth through engaging missions and narrative-driven challenges.

Start with Introduction to Python



Introduction to Python Express

Fast-track foundations

A streamlined entry into Python for confident or time-limited learners. Focuses on core concepts with rapid progression.

Start with Introduction to Python Express

▼ Continue into advanced missions ▼



Academy of AI Cyber Defence

Advanced story course

An advanced, story-driven course where students expand their Python skills and learn powerful new concepts in AI and cybersecurity while tackling high-stakes challenges.

Enter Academy of AI Cyber Defence



Cyber Command

Battle Arena tournament

A competitive Cyber Command tournament where students apply Python foundations and cyber reasoning as Red and Blue teams. Crack passwords, analyse phishing, defend systems, and make tactical decisions under pressure.

Enter Cyber Command

Python Sequence

Cyber Command



First Battle Arena activity

Turn-based game for graduates of Python Intro or Academy of AI Cyber Defence courses

Apply course knowledge

Years 7-12

Capture the Flag with AI and Robotics



UX Upgrade

Captivating story



Years 5-7

CurveLab



Free mathematics tool designed to help students explore functions and develop confidence with curve sketching and analytics.

Deterministic, AI-free

Years 9-12

Roadmap for Q4/2026

Hack the Hacker

Primary & Secondary
Plugged & Unplugged



Upcoming PD sessions



Stay tuned for upcoming webinars and register early to secure your spot!

When	Topic
12. August	Python Primer Express
13 August	Getting Started with MyComputerBrain
18 August	AI Primer Express
19 August	Coding with AI

<https://www.digital-technologies.institute/>

Certificates of Participation, Recording, Slides

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Q&A

www.mycomputerbrain.net