

Gaming with Python - Digital skills for the future Have fun while building your 21st Century job skills



How would you like to make your own game by exploring coding with Python?

Gaming with Python will excite you if you ...

- want to see how coding can be creative and innovative
- want to understand the massive effect coding and digital technology will have on our lives and working futures
- are keen to explore new employment pathways for people with digital skills and a flare for innovation and creativity
- are interested in building computational AND people management skills
- are in Year 9 - 12 in a school in the Barwon region.

Why learn Python?

- Python is a general-purpose computer language; it can be used to build just about anything
- Python is great for backend web development, data analysis, artificial intelligence, and scientific computing
- Python is easy to understand and fun to use (its name came from Monty Python)
- Python reads like English, so it is very beginner-friendly
- Python has become a skill that is more in demand than ever, especially as it can be integrated into web applications
- On Angel List (Global tech start-ups listing), Python is a highly demanded skill and also the skill with the highest average salary offered.

How does the Gaming with Python program work?

- The program runs on Mondays over 3 or 4 weeks, 9.00am - 2.30pm
- The venue is The Gordon East Campus
- 15 - 18 students per group.

Benefits to students

- Applies digital technologies to game apps
- Students have fun working together
- Explores the enormous potential of coding for a range of applications
- Raises awareness of the importance of science, technology, engineering and mathematics
- Reveals future education and employment pathways to assist students' career planning
- Connects with local "smart businesses"
- Supports students' development of interpersonal and project management skills
- Provides a unique and significant addition to students' resumes.

2019 intake dates

Term 2: 6, 13, 20, 27 May

Term 3: 29 July, 5, 12, 19 August

Term 4: 14, 21, 28 October