

# Ada Lovelace

10 December 1815 – 27 November 1852

## First computer programmer in world history



Ada Lovelace is celebrated as the world's first computer programmer. Born in 1815, she was a mathematician and writer who worked on the first mechanical general-purpose computer, the 'Analytical Engine'. Her notes on the engine include what is recognized as the first **algorithm** that can be processed by a machine, what we now call a **program**, making her the first computer programmer. Ada had a vision that computers could go beyond number crunching – she imagined a future where computers could create music and art, much like they do now. Ada's contributions laid the groundwork for the digital age, and her legacy continues to inspire countless women in technology.

Do you...

- Like solving puzzles or doing an escape room?  
**You have analytical thinking skills!**
- Enjoy playing video games?  
**You're developing creativity and problem solving skills!**
- Enjoy art, craft and design?  
**You have attention to detail!**

**You could be the future of computing, like Ada!**

**Find out more:**

