

Eleanor McMurtry

Educator and software developer

- Passionate software engineer with 10 years' experience programming in various languages and environments
- One year's experience teaching undergraduate computer science; won an Excellence in Teaching Award for casual tutoring

Skills

- Rapid prototyping
- Responsibility and leadership
- Algorithmic thinking
- Object-oriented systems design
- Teaching and explaining concepts
- Creative problem solving

Professional experience

CSIRO, Clayton campus

Casual IT Officer, 2017-present

Responsibilities include meeting with scientists to design, implement, and improve software solutions for scientific research and outreach, working primarily with mixed reality and data visualisation.

University of Melbourne, Parkville campus

Head Tutor, Object Oriented Software Development, 2016 and 2017 (semester 2)

Taught multiple classes of approximately 20 students. Responsible for writing course materials, liaising between students and academic staff, managing tutors, and supervising the project submission and grading process.

CSIRO, Clayton campus

Vacation Scholar, Information Management and Technology, summer 2016-17.

Conducted an original research project with minimal supervision, studying the effective use of interaction within virtual reality. Created novel applications for the *HTC Vive* to investigate methods of data visualisation.

Education

University of Melbourne, Parkville campus

Bachelor of Science (mathematical physics), 2015-present
(concurrent Diploma in Informatics)