

Eleanor McMurtry

eleanor.em.cs@gmail.com

Educator and software developer

- Passionate software engineer with many years of programming experience in various languages and environments
- Award-winning undergraduate teacher with >3 years' experience teaching computer science

Skills

- Rapid prototyping
- Responsibility and leadership
- Object-oriented systems design
- Teaching and explaining concepts

Primary technical skills: Python, JavaScript, Node.js, Java, C#, C, C++, Haskell, git, bash.

Professional experience

University of Melbourne, Parkville campus

Head Tutor, Object Oriented Software Development, 2016-present

Key skills include mentorship, management, and communication. Responsible for writing course materials, liaising between students and academic staff, managing tutors, and supervising the project submission and grading process.

Peter MacCallum Cancer Centre

Summer Student, 2018-19

Worked as a full-stack developer to create a database web application using a Python and MySQL web stack for scientists researching prostate cancer. Communicated with end users to investigate requirements, creating interactive searching and visualization tools.

CSIRO, Clayton campus

Casual IT Officer, 2017-18

Responsibilities included meeting with scientists to design, implement, and improve software solutions for scientific research and outreach, working primarily with mixed reality and data visualization using Python and Unity.

Education

University of Melbourne, Parkville campus

Master of Science (Computer Science), 2019-present.

Bachelor of Science (Mathematical Physics), 2015-2018.

Diploma in Informatics, 2015-2018.