“This subject has really helped me develop my programming skills and knowledge in how systems such as machine learning and simulations work. As part of the course, we learnt some Python which is extremely useful to know as many applications are run using the language. It was also quite simple to understand as every command and feature was well explained and there were resources on our class page to look back at if we had any doubts. Machine learning was another topic we covered in our course. It was very interesting as it is an advancement that seems to have the capabilities of shaping the future in terms of programming. The assignments we got were also focused on knowledge taught in the previous lessons which meant that we didn't need to spend extra time trying out something new, but there were also extension tasks for the people who are experienced and have more knowledge in the topic.”

Sudarshan Shorna Kumar (2020 Student)

“I joined the Introduction to Programming, Machine Learning and Simulations class because I have always had a passion for software development and I felt that this class would best suit me. I had already come with self-taught programming knowledge, but the class still offered content that was challenging and engaging for me. I found the project based learning to be fantastic in teaching me how to practically apply what I was learning.”

Lachlan Earle (2020 Student)

“Programming for simulations and machine learning was a highly engaging subject. It has provided me with a greater insight into the careers available in the STEM industry. The subject introduced python programming to me in a way that was easy to understand and felt like it connected to real life. This subject has broadened my interests in the STEM field and I am now choosing to continue with my computing into VCE.”

Joanna Haites (2020 Student)

"I found the content well-structured and very interesting. It introduced me to many new fascinating concepts in data science and machine learning. It provided me with the skills to code simulations and programs that I used in other subjects as well!"

Aabshaar Ahmad (2020, Student)

“Through taking part in Introduction to Programming, Machine Learning and Simulations, I was able to develop new knowledge in the areas of programming with Python, data science machine learning and simulations. The skills learnt in this course are also relevant across other disciplines of science and are applicable in other subjects. I now feel much more confident in programming and I really enjoyed taking part in the subject.”

Emily Papastamatopoulos (2020, Student)

“Introduction to Programming, Machine Learning and Simulation has been an insightful class that enabled us to expand our knowledge on coding, and use our creativity. The first programming language that we were introduced to in this class, was python, where we were able to build our knowledge in coding to cover more complicated areas such as simulation and data collection and analysis in further lessons.

Considering the rapid development of technology, whether or not we pursue computer science or a tech-related field, this class introduced us to how the basic concepts and operations done in computers could help assist us in the future workforces. As students, we were able to get a perspective on how important technology is to the future and the connections that it has to various areas of science.”

Oviya Ponkathirvarathan (2020, Student)