Transcript for "Dissertation Projects – MSc Programmes in HPC" video

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MSc in High Performance Computing (HPC)

MSc in High Performance Computing with Data Science (HPC with DS)

Jia Song: My final project was investigating the performance of all supercomputers, like I worked with five supercomputers, both Windows and Linex. My supervisor helped me to get the right to work with the supercomputers. It's quite a good experience and I learnt a lot.

Alasdair King: One of the nice things about my project is that I was able to propose it. You do get a list of industry and academic projects that you would like to do, but I felt having done CSP at undergraduate level it would be quite nice to take this to post graduate. So when you do the dissertation in terms of support from your supervisor, it's nice that you get a meeting each week and you get an opportunity to sit down and discuss, 'I did this this week, I'm having struggles here', or 'It's great, this is working here'.

Raluca Andra: I think the dissertation was very interesting. It got to, I got to understand how the pricing platform works for cloud computing, how Amazon does stuff, how you can get a server, work on it, and things. And I think that helped me a lot because I didn't have that knowledge before.

Padraig O Conbhui: My dissertation project was looking at parallel implementations of molecular dynamics solvers. I had weekly meetings, went through what I was doing, what I should have done. I did that with Doctor Toni Collis, who was fantastic at actually keeping me on track and actually getting the thing done.

Jia Song: When I did my final project it was in 2013. HECToR was the number one supercomputer in the UK and also number 20 in the world. I worked with five different supercomputers and some of them you can see from here; supercomputer from IBM, supercomputer from Edinburgh University. I think HECToR is my favourite because it's quite powerful and the performance was very good. I think now the best supercomputer in the UK Is Archer. I want to work with very powerful supercomputers, then they would be so fast and so

efficient, that is the most thing which attracted me to computer.

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