Wilson Leung
BE (Electrical) BSc

Wilson says that he always had a passion for electronic gadgets and wanted a career related to developing technology. Engineering and particularly electrical engineering, were logical choices for someone wanting a career with electronic and software-based technologies. The Electrical Engineering degree can be tailored to fit a mix of available streams - hardware, power, communications, electronics, software - and the double degree combination with Science gave Wilson extra flexibility.

When asked ‘why Sydney?’, Wilson responded that he was aware of its reputation and the quality of teaching, learning and campus life. The courses he took provided a solid technical basis but also gave due emphasis to project, staff and time management and other attributes so important in the workforce.

As Wilson comments “learning doesn’t stop after completing a degree. Technology changes very rapidly and as an engineer you need to keep up with these changes. While completing your degree you should aim to develop the skills and the domain knowledge you need for keeping up with changes after you graduate. Employers want to invest for the long term and if you show initiative and grow and develop by yourself, you will always find yourself wanted as an engineer.”

Image Processing offered in 4th Year Engineering was of particular interest to Wilson and peaked his interest in the field of digital imaging. This led to a final year thesis on image analysis for PET and CT scans. In keeping with his interests Wilson now works at Canon Information Systems Research Australia Pty Ltd (CISRA) where he is a software engineer involved with the research and development of imaging technologies for Canon’s worldwide business.

Wilson comments that he is constantly learning and being challenged in an innovative and professional work environment which gives him the opportunity to use and extend the knowledge and skills he developed at the University of Sydney.

And with interests in cycling, canyoning and rock-climbing, Wilson’s scaling of heights is not limited to his career. But he readily concedes that his degree choices have been instrumental in his success to date, and with an attitude that embraces lifelong learning, he will build on these skills throughout his career.

“...you should always be asking questions or finding answers to questions whenever you can”