Course Learning Outcomes – Student's reflection

CLO 2.1 *- "Synthesise, apply and analyse existing and new knowledge in one or more discipline areas to develop new concepts or interpretations through engagement in* **ethical research***, critical reflection, continuous evaluation and demonstration of research skills. Examples can include:* **Conference attendance and presentation** *(oral and poster)"*

Over the course of candidature, I have presented new research at at three conferences:
- (Short Paper) Andrew Simmons and Leonard Hoon. "Agree to Disagree: On Labelling Helpful App Reviews". In: *Proceedings of the 28th Australian Conference on Computer-Human Interaction.* **OzCHI '16. Launceston,** TAS, Australia.
- (Demo) Andrew Simmons and Rajesh Vasa. "Spatio-Temporal Reference Frames as Geographic Objects". In: *Proceedings of the 25th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems.* **SIGSPATIAL '17. Redondo Beach, CA, USA.**
- (Short Paper) Andrew J. Simmons, Maheswaree Kissoon Curumsing, and Rajesh Vasa. "An interaction model for de-identification of human data held by external custodians". In: Proceedings of the 30th Australian Conference on Human-Computer Interaction. **OzCHI '18. Melbourne**, VIC, Australia

I am particularly proud of *"An interaction model for de-identification of human data held by external custodians"*, which aims to improve ethical conduct of research by designing a data de-identification portal – *deidentify.org* – to help overcome common issues when sourcing non-identifiable data. The data portal I created allowed ethically sourcing the non-identifiable data used in the thesis in a manner that removed the risk that individuals in the dataset could be re-identified. My presentation was met with interest from the audience.

CLO 2.2 *- "Effectively disseminate research outcomes to a variety of audiences using highly developed communication skills and work productively within a team of experts in the field. Examples can include:* **Participation** *in the 3 Minute Thesis competition or similar* **school/faculty event***"*

I have actively participated in events both within the school/faculty and the wider community:
- Best Pecha Kucha style presentation at Deakin/Swinburne Symposium 2015
- Best Presentation at Deakin/Swinburne Symposium 2016 ($200 award)
- Honourable mention at Deakin HDR Conference 2017
- Student Volunteer, OzCHI '18 (free conference registration)
- Delivered presentations to sport analysts at Geelong Football club in 2017 and 2018, who showed keen interest in how my work could be be applied to their data.

CLO 3.1 *- "Demonstrate autonomy, authoritative judgement, adaptability, leadership, initiative, resilience and responsibility as an expert and leading practitioner or scholar. Examples include:* **Industry/Organisational placements or part time employment** *in higher education teaching and/or or commercialisation"*

During my part-time employment at Deakin Software and Technology Innovation Lab (DSTIL, now A²I²), I have been responsible for applying my expertise to industry/commercial projects:
- Collaboration with data science team on a technical report for Defence Science and Technology Group (DSTG) analysing war simulation data (Confidential)
- Assisting with software testing of AI models to infer occupant behaviour within a smart home, and participating as an author on the resultant the journal paper (In Submission).
- Inter-disciplinary collaboration with sport scientists to implement a machine learning predictor for injury risk in the AFL.

Andrew Simmons, 2019