D2D
CEO’s Update

Analytics projects and their potential to improve the quality of healthcare in Australia. It contained PhD Profile December 2018.
The last two summer interns have been recruited, who will start a ten week internship on 1 Future Workforce PhDs.
D2D CRC is organising a public speaking workshop for PhD students to be held in November, students and five national security agencies. The students showcased their research and networked student, Dr Stanley Shanapinda was awarded his doctorate.
On October 18 D2D CRC organised a meet and greet event in Canberra with 14 D2D CRC PhD engineers and law enforcement.

Engineering and DevOps Team:
M Dong, L Yao, X Wang, B Benatallah, C Huang, X Ning.
Y Liu, J Lee, M Park, S Kim, E Yang, S Hwang, Y Yang.

PhD and Honours Scholarship Update
X Ning, L Yao, X Wang, B Benatallah, S Zhang, X Zhang

X Ning, L Zhu, M Cai, Y Yang, D Xie, F Wu.

X Cheng, L Zhu, M Cai, Y Yang, D Xie, F Wu.

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The first seminar was on Attentive Sequence to Sequence Translation for Localizing Clips of Interest by Natural Language Processing.
11 recommendations for the short and long term.
D2D CRC students were two of three finalists in the UniSA School of Information Technology & Engineering and DevOps Team.

Masters in Computer Science and a Bachelors of Computer Science from KAIST, South Korea.
Minjeong worked as a research engineer for LG in South Korea before coming to Australia in 2015.

Current Workforce

Knowledge mining stream (UNSW):
DataSynapse: A Social Data Curation Foundry

Analysing TV Audience Engagement via Twitter: Incremental Segment-Level Opinion

Visualisation.

New model for identifying issues of interest and stance (orientation towards issues)

Committed new trials with Australian and United States national security agencies.

Data science team completed initial development of a topic discovery framework for the Investigation Management System (IMS) and produced a dashboard demo product demonstrating Bayesian method on events in Australian cities during 2017-18.

Recent Publications

Published a paper on characterising seasonal influenza in Australia in PLoS Medicine. This seminar focussed on D2D CRC health analytics program. The hospital outcomes project is progressing well with more papers to extend further.

Recent Achievements

The Big Data Connect Program has officially wrapped up now with great feedback from all participants involved (Promet Valves Australia, Frontier Microscopy, Coopers Brewery and Sentek).

The research and development teams have continued to focus on maturing capabilities and extending the outcomes.

The ‘Actionable In-time Insights’ (AI2) project is also progressing with trials monitoring mental health.

PhD and Honours Scholarship Update

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