

CURRICULUM VITAE: Anthony Robert Dick

CONTACT:

School of Computer Science, University of Adelaide
Adelaide SA 5005, Australia

Ph: +61 8 8313 5583

Fax: +61 8 8313 4366

Email: Anthony.dick@adelaide.edu.au

Web: www.cs.adelaide.edu.au/~ard

CURRENT POSITIONS:

Associate Professor
School of Computer Science, University of Adelaide

Deputy Director
Australian Centre for Visual Technologies, University of Adelaide

EDUCATION:

1998 – 2001 University of Cambridge Cambridge, UK
Doctor of Philosophy (Engineering)

- My PhD involved the novel application of Bayesian methods to 3D image based modelling. It influenced subsequent probabilistic approaches to recognition and reconstruction from images.

1998 - 1999 University of Cambridge Cambridge, UK
Master of Philosophy (Engineering)

1994 - 1997 University of Adelaide Adelaide, South Australia
Bachelor of Mathematical and Computer Sciences (with First Class Honours)

EMPLOYMENT:

2016 Associate Professor, University of Adelaide, Australia

2010 Senior Lecturer, University of Adelaide, Australia

2005 Lecturer, University of Adelaide, Australia

2003 – 2004 Research Fellow, University of Adelaide, Australia
• CRC for Sensor Signal and Image Processing, Automated Video Surveillance project.

2001 - 2003 Research & Development Engineer, Rare Ltd (now part of Microsoft), UK
• Advanced graphics and animation software.

RESEARCH GRANTS:

Sentient Buildings

ARC Linkage Grant, 2014-17, Value \$580,000 (\$340K from ARC)

Visual tracking with environmental constraints

ARC Linkage Grant, 2013-16, Value \$525,000 (\$345K from ARC)

Recognising and reconstructing objects in real time from a moving camera

ARC Discovery Grant, 2013-15, Value \$330,000

Computational infrastructure for machine learning in computer vision

ARC LIEF Grant, 2013, Value \$210,000

Learning to read 3D

ARC Discovery Grant, 2012-14, Value \$330,000

Improving yield through image-based structural analysis of cereals

ARC Linkage Grant, 2011-13, Value \$725,000

Tracking targets in large scale surveillance camera networks

ARC Discovery Grant, 2010-12, Value \$200,000

Real-time special effects in live video

ARC Linkage Grant, 2010-12, Value \$360,000

Image search for simulator content creation

ARC Linkage Grant, 2010-12, Value \$397,000

Accelerating Australia's Large Scale Video Surveillance Research Programs

ARC Linkage Infrastructure Grant, 2010, Value \$280,000

Combined shape and appearance descriptors for visual object recognition

ARC Discovery Grant, 2009-2011, Value \$220,000.

Automated acquisition of surveillance-camera network topology.

ARC Discovery Grant, 2007-2009, Value \$201,000.

What am I looking at? Recognising objects from image sets.

Google Research Grant, 2008 , Value \$58,000.