

# Tom Bartindale

August 2015

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D.O.B. 19/07/1986  
Current Employer School of Computing Science, Newcastle University  
Current Appointment Research Associate



## Education

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PhD: Interaction Design for Situated Media Production Teams, (2014)  
BSc Hons Computing Science (1<sup>st</sup> class), Newcastle University, UK (2009)

## Appointments Held

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- Research Associate, Newcastle University, UK 2012 – Present
- Research Intern, Microsoft Research, Cambridge, UK 2011
- Research Intern, BBC Research & Development, Manchester, UK 2011
- Director of ExhibitForge, Newcastle upon Tyne, UK 2010 – Present
- Research Intern, Microsoft Research, Redmond, Washington, US 2009
- Research Assistant, Newcastle University, UK 2007 – 2008

## Particular Achievements

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I regularly work with the community to manage and produce academic conference events. I have performed roles at the following:

- Programme Committee Member (AC), CHI 2015, CHI 2016
- General Chair, ACM International Conference on Interactive Experiences for TV and Online Media, 2014
- Posters & WiP Chair, CHI 2014
- Production Chair, Designing Interactive Systems, 2012, Pervasive Systems 2012 & ISWC 2012
- Demo Chair, British HCI Conference, 2011
- Student Volunteer Chair, ACM International Conference on Interactive Tabletops and Surfaces, 2009

## Other Notable Achievements and Impact

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- Received a Spotlight Award from School of Computing Science, Newcastle University for “showing a commitment to succeed above and beyond normal expectations.”, 2015
- I am helping to develop the new User Interfaces module for 3<sup>rd</sup> year undergraduates at Newcastle University which aims to use embedded technology as part of a flip-classroom style teaching programme.
- I was involved in the development and delivery of CSC3723, an undergraduate course that adopted an innovative approach whereby lectures and practical classes were augmented with a series of short documentary films to help students learn and revise core topics.
- I have a patent on research that I have undertaken (FiberBoard).
- I held the role of Departments Editor for ACM Crossroads Magazine and was a member of the re-branding team in 2009.

## Selected Publications

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*Journal articles: 2, Peer-reviewed conference papers: 21, Other articles and abstracts: 7, Google Citations: 181, H Index: 7*

Build me a UbiComp: bespoke ubiquitous accessibility in live television production environments  
Reuben Kirkham, Tom Bartindale, Michael Evans, Patrick Olivier  
Personal and Ubiquitous Computing, August 2015, Volume 19, Issue 5-6, p.853-880

Bootlegger: Turning Fans into Film Crew  
Schofield G, Bartindale T, Wright P  
Proceedings of CHI 2015 p.767-776

Exploring delegate engagement with an augmented conference  
Taylor N, Bartindale T, Vines J, Olivier P  
Proceedings of UbiComp 2014 p.833-843

RedTag: automatic content metadata capture for cameras  
Bartindale T, Jackson D, Ladha K, Mellor S, Olivier P, Wright P,  
Proceedings of TVX 2014 p.19-22

Facilitating TV production using StoryCrate  
Tom Bartindale, Elizabeth Valentine, Maxine Glancy, David Kirk, Peter Wright, Patrick Olivier  
Proceedings of C&C 2013

ThorDMX: a prototyping toolkit for interactive stage lighting control  
Tom Bartindale, Patrick Olivier  
Extended Abstracts of CHI 2013 p. 3019-3022 2012

StoryCrate: tabletop storyboarding for live film production  
Tom Bartindale, Alia Sheikh, Nick Taylor, Peter Wright, Patrick Olivier  
Proceedings of CHI 2012 p. 169-178

SurfaceMouse: supplementing multi-touch interaction with a virtual mouse  
Tom Bartindale, Chris Harrison, Patrick Olivier, Scott E. Hudson  
Proceedings of TEI 2011 p. 293-296 2010

Building interactive multi-touch surfaces  
Johannes Schöning, Jonathan Hook, Tom Bartindale, Dominik Schmidt, Patrick Olivier, Florian Echtler, Nima Motamedi, Peter Brandl, Ulrich Zadow  
Tabletops - Horizontal Interactive Displays, 2009, p. 27-49

FiberBoard: compact multi-touch display using channelled light  
Daniel Jackson, Tom Bartindale, Patrick Olivier  
Proceedings of ITS 2009 p. 25-28

Media Crate: tangible live media production interface  
Tom Bartindale, Jonathan Hook, Patrick Olivier  
Proceedings of TEI 2009p. 255-262

Stacks on the surface: resolving physical order using fiducial markers with structured transparency  
Tom Bartindale, Chris Harrison  
Proceedings of ITS 2009 p. 57-60