

# Xiang Zhi Tan

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## Research Interests

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Human-Robot Interaction; Robotics; Human-Computer Interaction; Wearable Computing; Ubiquitous Computing

## Education

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expected Spring 2021	<b>PhD in Robotics</b> <i>Carnegie Mellon University, USA</i> Advised by Aaron Steinfeld
Spring 2015	<b>Bachelor of Science in Computer Science</b> <i>University of Wisconsin–Madison, USA</i> <i>Honors in Major</i> Advised by Bilge Mutlu Major GPA: 4.0/4.0 GPA: 3.97/4.0
Fall 2012	American Degree Transfer Program <i>INTI International University, Malaysia</i> GPA: 3.63/4.0

## Research Experience

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June 2013 - Aug 2015	<b>Research Assistant</b> <i>Wisconsin Human-Computer Interaction Lab, UW-Madison, Madison, WI</i> Conduct research in the field of human-robot interaction and human-computer interaction. Past research involved utilizing gaze cues in humanoid robots, investigating role of robots in household and usage of wearable computing in facilitating education in a classroom setting. Mentor undergraduate students, facilitated demonstration and outreach programs organized by the HCI Lab.
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## Work Experience

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June 2013 - Jan 2014	<b>Undergraduate Programmer</b> <i>UW-Madison Graduate School IT Department, Madison, WI</i> Evaluated third-party solution to streamline office workflow; Lead the Request For Proposal process for third-party products; Developed software in supporting day to day operation of the department
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## Publications

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### Conference Papers

- C.1 Sean Andrist, **Xiang Zhi Tan**, Michael Gleicher, and Bilge Mutlu. “Conversational Gaze Aversion for Humanlike Robots”. In: Proceedings of the 2014 ACM/IEEE International Conference on Human-robot Interaction. HRI '14. Bielefeld, Germany: ACM, 2014, pp. 25–32.  
*Acceptance rate: 24%*

### Posters

- P.1 Steven Johnson, **Xiang Zhi Tan**, Daniel Szafir, and Bilge Mutlu. “Using At-A-Glance Displays to Enhance Student Attention.” McPherson Eye Research Institute (MERI) Symposium, Madison, Wisconsin, 2014.

### Honors and Awards

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Fall 2014	Computing Research Association’s (CRA) Outstanding Undergraduate Male Researcher Award for PhD-granting institutions 2015 - honorable mention.
Fall 2014	David H. Durra Scholarship
Spring 2014	DeWitt Undergraduate Fellowship
Spring 2014	Summer Research Assistantship
Spring 2014	2014-15 Hilldale Undergraduate/Faculty Research Fellowships
Spring 2014	ACM/IEEE Human-Robot Interaction Conference 2014 Best Paper Award Nominee
2013-2014	Dean’s List