

# Jun Gong

## Curriculum Vitae

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## Research Interests

My research interest lies in **developing novel interaction techniques** which can fill the gaps between computing resources and users. Specifically, my work focuses on new **sensing and output techniques** for **wearable devices**.

## Education

2015 – Present **Dartmouth College**, Hanover, New Hampshire, United States.

**Ph.D. in Computer Science**, Department of Computer Science.

2010 – 2014 **Beijing University of Posts and Telecommunications (BUPT)**, Beijing, China.

**B.E. in Electronic Engineering**, School of Electronic Engineering.

**Cumulative GPA: 89/100 or 3.8/4    Ranking: 4th/280.**

## Publications

- 2018 [C.6] **Jun Gong**, Zheer Xu, Qifan Guo, Teddy Seyed, Xiang 'Anthony' Chen, Xiaojun Bi and Xing-Dong Yang (2018). WrisText: One-handed Text Entry on Smartwatch using Wrist Gestures. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI'18)*. **Honorable Mention Award.**
- [C.5] **Jun Gong**, Da-Yuan Huang, Teddy Seyed, Te Lin, Tao Hou, Xin Liu, Molin Yang, Boyu Yang, Yuhan Zhang and Xing-Dong Yang (2018). Jetto: Using Lateral Force Feedback for Smartwatch Interactions. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI'18)*.
- 2017 [C.4] **Jun Gong**, Yang Zhang, Xia Zhou and Xing-Dong Yang (2017). Pyro: Thumb-Tip Gesture Recognition Using Pyroelectric Infrared Sensing. In *Proceedings of the ACM Symposium on User Interface Software and Technology (UIST'17)*.
- [C.3] Da-Yuan Huang, Ruizhen Guo, **Jun Gong**, Jingxian Wang, John Graham, De-Nian Yang and Xing-Dong Yang. (2017). RetroShape: Leveraging Rear-Surface Shape Displays for 2.5D Interaction on Smartwatches. In *Proceedings of the ACM Symposium on User Interface Software and Technology (UIST'17)*.
- [C.2] **Jun Gong**, Lan Li, Daniel Vogel and Xing-Dong Yang (2017). Cito: An Actuated Smartwatch for Extended Interactions. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI'17)*.
- 2016 [C.1] **Jun Gong**, Xing-Dong Yang and Pourang Irani (2016). WristWhirl: One-handed Continuous Smartwatch Input using Wrist Gestures. In *Proceedings of the ACM Symposium on User Interface Software and Technology (UIST'16)*.

## Professional Experience

2015 – Present **Human-Computer Interaction Lab**, Dartmouth College, Hanover, NH

*Graduate Research Assistant*, advised by Prof. Xing-Dong Yang

Lead research projects on sensing techniques and novel augmentations for mobile and wearable devices

2013 – 2015 **State Key Laboratory of Networking and Switching Technology**, Beijing University of Posts and Telecommunications, Beijing, China

*Research Assistant*, advised by Prof. Jianxin Liao

Lead research projects on audio processing and machine learning

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## Honors & Awards

2018 **Best Paper Nomination**, *ACM CHI 2018* (Top 5%)

2013 **Second Prize** in **National Undergraduate Electronic Design** contest (Top 5%)

2012, 2013 **First-Class Scholarship** of Beijing University of Posts and Telecommunications (Top 5%)

2011 "Tang Jun & Sun ChunLan" Enterprise Scholarship (Top 1%)

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## Teaching Assistant Experience

Fall 2015 COSC 175 **Introduction to Bioinformatics**, Dartmouth College

– held office hours, graded labs and shepherded course projects

Winter 2016 COSC 189 **Introduction to Human-Computer Interaction**, Dartmouth College

– held office hours, graded labs and course projects, and shepherded course projects

Spring 2016 COSC 165 **Smartphone Programming**, Dartmouth College

– held office hours, graded labs and course projects, and prepared exam questions

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## Academic Services

Paper Reviewer SIGGRAPH Asia 2016, TEI 2017, GI 2017, CHI 2018

Volunteer UIST 2016, UIST 2017

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## Skills

Programming C/C++, Java, C#, Python, Verilog

Tools Matlab, Solidworks, Weka, Android SDK, Arduino