

## EDUCATION

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**University of Michigan** **Ann Arbor, MI** **September 2018 – Present**

- **Ph.D. in Information Science**
- **Research area:** Human-Computer Interaction
- **Advisors:** Professor Steve Oney and Professor Christopher Brooks

**Simon Fraser University** **Burnaby, Canada** **September 2016 – July 2018**

- **Master of Science in the School of Computing Science**
- **Research area:** Human-Computer Interaction
- **Master Thesis:** Investigating Learning Strategies for Conversational Programmers
- **Advisor:** Professor Parmit Chilana

**Zhejiang University** **Hangzhou, China** **September 2013 – July 2016**

- Bachelor of Engineering in the College of Computer Science
- Major: Digital Media Technology
- Qizhen Class in Chu Kochen Honors College
- 8 months exchange experience to Simon Fraser University

## PUBLICATIONS

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### Peer-Reviewed Conference Papers

- [1] Yan Chen, Jaylin Herskovitz, Gabriel Matute, **April Wang**, Sang Won Lee, and Steve Oney. **EdCode: Towards Personalized Support at Scale for Remote Assistance in CS Education**. *Proceedings of the IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC 2020)*
- [2] 🏆 **April Y. Wang**, Zihan Wu, Christopher Brooks and Steve Oney. **Callisto: Capturing the "Why" by Connecting Conversations with Computational Narratives**. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2020)*, to appear [Honourable Mention Award, top 5%]
- [3] 🏆 **April Y. Wang**, Anant Mittal, Christopher Brooks and Steve Oney. **How Data Scientists Use Computational Notebooks for Real-Time Collaboration**. *Proceedings of the ACM : Human-Computer Interaction, Computer-Supported Cooperative Work and Social Computing (CSCW 2019)* [Best Paper Award, top 2%]
- [4] **April Y. Wang** and Parmit K. Chilana. **Designing Curated Conversation-Driven Explanations for Communicating Complex Technical Concepts**. *Proceedings of the IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC 2019)*
- [5] 🏆 **April Y. Wang**, Ryan Mitts, Philip J. Guo and Parmit K. Chilana. **Mismatch of Expectations: How Modern Learning Resources Fail Conversational Programmers**. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2018)* [Honourable Mention Award, top 5%]
- [6] Laton Vermette, Shruti Dembla, **April Y. Wang**, Joanna McGrenere and Parmit K. Chilana. (2018) **Social CheatSheet: An Interactive Community-Curated Information Overlay for Web Applications**. *Proceedings of the ACM: Human-Computer Interaction (1,1), Computer-Supported Cooperative Work and Social Computing (CSCW 2018)*

### Workshop Paper and Poster

- [7] **April Y. Wang**, Steve Oney and Christopher Brooks. (2019) **Redesigning Notebooks for Data Science Education**. *Workshop on Human-Centered Study of Data Science Work Practices at ACM Conference on Human Factors in Computing Systems (CHI 2019)*

- [8] **April Y. Wang** and Parmit K. Chilana. (2017) **Investigating Learning Strategies of Conversational Programmers**. *International Conference on Computing Education Research (ICER 2017)*

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## HONORS AND AWARDS

<b>2020 Academic Year</b>	<b>Honourable Mention Award</b> The ACM CHI Conference on Human Factors in Computing Systems (CHI 2020, top 5%)
<b>2019 Academic Year</b>	<b>Best Paper Award</b> The ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2019, top 2%) <b>UMSI Pre-candidacy Project Milestone Distinction Award</b> Awarded by the University of Michigan School of Information (top 10%)
<b>2018 Academic Year</b>	<b>Honourable Mention Award</b> The ACM CHI Conference on Human Factors in Computing Systems (CHI 2018, top 5%) <b>Computing Science Graduate Fellowship</b> Awarded by Simon Fraser University
<b>2016 Academic Year</b>	<b>Computing Science Graduate Fellowship</b> Awarded by Simon Fraser University
<b>2015 Academic Year</b>	<b>Fellowship for Internship (Second Place)</b> Awarded by Zhejiang University
<b>2014 Academic Year</b>	<b>Fellowship for Academic Performance (Third Place)</b> Awarded by Zhejiang University

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## ACADEMIC SERVICE

**Program Committee** AIED'20  
**Reviewer** CSCW'20, CHI'20, CSCW'19, CHI'19, TEI'19, AIED'19  
**Student Volunteer** CHI'19

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## STUDENTS MENTORED

- Zihan Wu, undergraduate summer intern student, Tsinghua University, 2019
- Natalie Gross, BSI student, University of Michigan, 2018
- Jamie Neumann, BSI student, University of Michigan, 2018
- Rebecca Parada, BSI student, University of Michigan, 2018
- Ryan Mitts, Undergraduate student, Simon Fraser University, 2017

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## TEACHING EXPERIENCE

- Teaching Assistant, CMPT363 User Interface Design, Spring 2017, Simon Fraser University
- Teaching Assistant, CMPT363 User Interface Design, Spring 2018, Simon Fraser University

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## WORK EXPERIENCE

<b>NetEase Game</b>	<b>Junior Software Developer Intern</b>	<b>October 2015 - July 2016</b>
• Improved the wind simulation algorithm and integrated it into <i>Tianyu Revelation Online</i> using DX11		
<b>Intel China Research Centre</b>	<b>User Experience Designer Intern</b>	<b>May 2015 - September 2015</b>
• Participated in the open-sourced project <i>IoT Service Orchestration Layer</i> - a block-based programming solution for end users to personalize IoT applications		
<b>Alibaba Corporation</b>	<b>User Experience Designer Intern</b>	<b>June 2014 - September 2014</b>
• Assisted with the heuristic evaluation of <i>Aitaobao</i> , a social sharing shopping website		