

# Yue Jiang

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## Education

- 2022 - 2025 **Ph.D. in Intelligent Systems**  
(Expected) **Aalto University & Finnish Center for Artificial Intelligence (FCAI), Finland**  
Supervisors: Prof. Antti Oulasvirta and Prof. Vikas Garg
- 2018 - 2020 **Master of Science in Computer Graphics**  
**University of Maryland, College Park, USA**  
Supervisor: Prof. Matthias Zwicker
- 2014 - 2017 **Honors Bachelor of Science in Computer Science Specialist and Mathematics Major (High Distinction)** [Degree granted in 2018]  
**University of Toronto, Canada**  
Supervisor: Prof. Gerald Penn

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## Full Paper Publications

- [13] **Yue Jiang**, Changkong Zhou, Vikas Garg\*, Antti Oulasvirta\*. Graph4GUI: Graph Neural Networks for Representing Graphical User Interfaces. *In Proceedings of the 42nd Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2024)*.
- [12] Maryam Taeb, Amanda Swearngin, Eldon Schoop, Ruijia Cheng, **Yue Jiang**, Jeffrey Nichols. AXNav: Replaying Accessibility Tests from Natural Language. *In Proceedings of the 42nd Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2024)*.
- [11] Parvin Emami, **Yue Jiang**, Zixin Guo, Luis A. Leiva. Impact of Design Decisions in Scanpath Modeling. *In Proceedings of the 2024 ACM Symposium on Eye Tracking Research and Applications (ETRA2024)*.
- [10] **Yue Jiang**, Luis A. Leiva, Hamed Rezazadegan Tavakoli, Paul R. B. Houssel, Julia Kylmala, Antti Oulasvirta. UEyes: Understanding Visual Saliency across User Interface Types. *In Proceedings of the 41st Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2023)*.
- [9] **Yue Jiang**, Marc Habermann, Vladislav Golyanik, Christian Theobalt. HiFECap: High-Fidelity and Expressive Capture of Human Performances from Monocular Videos. *In Proceedings of the 2022 British Machine Vision Virtual Conference (BMVC2022)*.
- [8] Jiao Sun, Tongshuang Wu, **Yue Jiang**, Ronil Awalegaonkar, Xi Victoria Lin, Diyi Yang. Pretty Princess vs. Successful Leader: Gender Roles in Greeting Card Messages. *In Proceedings of the 40th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2022 Best Paper Honorable Mention)*.
- [7] **Yue Jiang**, Wolfgang Stuerzlinger, Christof Lutteroth. ReverseORC: Reverse Engineering of Resizable User Interface Layouts with OR-Constraints. *In Proceedings of the 39th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2021)*.
- [6] Karan Ahuja, **Yue Jiang**, Mayank Goel, Chris Harrison. Vid2Doppler: Synthesizing Doppler Radar Data from Videos for Training Privacy-Preserving Activity Recognition. *In Proceedings of the 39th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2021)*.

- [5] Zhicong Lu, **Yue Jiang**, Chenxinran Elise Shen, Margaret C Jack, Daniel Wigdor, Mor Naaman. Study of Perceptions of COVID-19 Misinformation in China. *In Proceedings of the 24th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW2021)*.
- [4] **Yue Jiang**, Dantong Ji, Zhizhong Han, Matthias Zwicker. SDFDiff: Differentiable Rendering of Signed Distance Fields for 3D Shape Optimization. *Conference on Computer Vision and Pattern Recognition (CVPR2020 Oral (Top 5%))*.
- [3] **Yue Jiang**, Wolfgang Stuerzlinger, Matthias Zwicker, Christof Lutteroth. ORCSolver: An Efficient Solver for Adaptive GUI Layout with OR-Constraints. *In Proceedings of the 38th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2020)*.
- [2] Zhicong Lu, **Yue Jiang**, Cheng Lu, Mor Naaman, Daniel Wigdor. The Government's Dividend: Complex Perceptions of Social Media Misinformation in China. *In Proceedings of the 38th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2020)*.
- [1] **Yue Jiang**, Ruofei Du, Christof Lutteroth, Wolfgang Stuerzlinger. ORCLayout: Adaptive GUI Layout with OR-Constraints. *In Proceedings of the 37th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2019)*.

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## Workshop Organization

- [4] **Yue Jiang**, Yuwen Lu, Dr. Tiffany Kneare, Clara E Kliman-Silver, Christof Lutteroth, Toby Jia-Jun Li, Jeffrey Nichols, Wolfgang Stuerzlinger. Computational Methodologies for Understanding, Automating, and Evaluating User Interfaces. *In Proceedings of the 41st Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2024)*.
- [3] **Yue Jiang**, Yuwen Lu, Christof Lutteroth, Toby Jia-Jun Li, Jeffrey Nichols, Wolfgang Stuerzlinger. The Future of Computational Approaches for Understanding and Adapting User Interfaces. *In Proceedings of the 41st Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2023)*.
- [2] Yao Wang, Ludwig Sidenmark, Teresa Hirzle, **Yue Jiang**, Andreas Bulling. 8th International Workshop on Pervasive Eye Tracking and Mobile Eye-based Interaction (PETMEI). *ACM Symposium of Eye Tracking Research and Applications (ETRA2023)*.
- [1] **Yue Jiang\***, Yuwen Lu\*, Jeffrey Nichols, Wolfgang Stuerzlinger, Chun Yu, Christof Lutteroth, Yang Li, Ranjitha Kumar, Toby Jia-Jun Li. Computational Approaches for Understanding, Generating, and Adapting User Interfaces. *In Proceedings of the 40th Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2022)*.

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## Workshop Papers, Demos, and Other Writings

- [6] **Yue Jiang**. Computational Representations for Graphical User Interfaces. *In Proceedings of the 42st Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2024 Doctoral Consortium)*.
- [5] Garreth Tigwell, **Yue Jiang**. Disability Semantics for Academic Writing. *AccessSIGCHI*.
- [4] **Yue Jiang**, Luis A. Leiva, Hamed Rezazadegan Tavakoli, Paul R. B. Housel, Julia Kylmala, Antti Oulasvirta. UEyes: An Eye-Tracking Dataset across User Interface Types. *In Proceedings of the 41st Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2023 Workshop Paper)*.
- [3] Lena Hegemann, **Yue Jiang**, Joon-Gi Shin, Yi-Chi Liao, Markku Laine, Antti Oulasvirta. Computational Assistance for User Interface Design: Smarter Generation and Evaluation of Design Ideas. *In Proceedings of the 41st Annual SIGCHI Conference on Human Factors in Computing Systems (CHI2023 Interactivity)*.
- [2] **Yue Jiang**, Vikas Garg, Antti Oulasvirta. Designer-in-the-Loop Layout Autocompletion with Graph Neural Networks. *Finnish Center for Artificial Intelligence AI Day, 2022*
- [1] **Yue Jiang**. DocShop: Bringing Document Content to Life. *Adobe Research Project Expo, 2020*

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## Patent

- [1] **Yue Jiang**, Vlad Morariu, Christopher Tensmeyer, Rajiv Jain, Varun Manjunatha. Responsive Document Using OR Constraint Optimization (Under Review)

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## Academic Service (Program Committee / Session Chair)

- 2024 **Accessibility Co-Chair**, CHI2024  
2024 **Associate Chair (AC)**, CHI2024 Late-Breaking Work (SIGCHI Short Paper)  
2024 **HCI Master Program Admission Committee Member**, Aalto University, Finland  
2024 **Ph.D. Admission Committee Member**, Finnish AI Center, Finland  
2023 **Accessibility Co-Chair**, CHI2023  
2023 **Program Committee Member**, AI and HCI Workshop, ICML2023  
2023 **Session Chair**, Human AI Collaboration, CHI2023  
2023 **Session Chair**, Text Input and Textual Communication, CHI2023  
2023 **Workshop Juror**, CHI2023 Workshop  
2023 **Associate Chair (AC)**, CHI2023 Late-Breaking Work (SIGCHI Short Paper)  
2023 **Program Committee Member**, IUI2023  
2023 **Co-Organizer & Poster Chair**, HelsinCHI Symposium 2023  
2023 **Organizing Committee Member & Keynote Chair**, ELLIS Doctoral Symposium 2023  
2023 **Ph.D. Admission Committee Member**, Finnish AI Center, Finland  
2022 **Associate Chair (AC)**, CHI2022 Late Breaking Work (SIGCHI Short Paper)  
2022 **Co-Host**, ACM SIGCHI Conference on Designing Interactive Systems (DIS2022) Ask-Me-Anything Session  
2021 **Session Chair**, Interaction and Touch Session, MobileHCI  
2021 - 2023 **ACM SIGGRAPH Research Development Committee — DEI and Accessibility**  
2021 - Now **Co-Organizer - Seminar of HCI for Chinese HCI Researchers around the World**  
2021 **Ph.D. & Master Admission Committee Member**, University of Maryland, College Park, USA  
2021 **Program Committee Member (PC)**, ACM IUI2021 Demos and Posters  
2021 **Associate Chair (AC)**, CHI2021 Late-Breaking Work (SIGCHI Short Paper)  
2020 **Ph.D. & Master Admission Committee Member**, University of Maryland, College Park, USA  
2020 **Associate Chair (AC)**, CHI2020 Late-Breaking Work (SIGCHI Short Paper)  
2019 **Ph.D. & Master Admission Committee Member**, University of Maryland, College Park, USA  
Nov 2019 **Graduate Mentor for Technica Research Bootcamp**, USA  
March 2019 **Ph.D Student Panel Leader for Prospective Students**, University of Maryland, USA  
Nov 2018 **Graduate Mentor for Technica Research Bootcamp**, USA  
2016 **Department of Mathematics Ambassador**, University of Toronto, Canada

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## Academic Reviews and Awards (Reviewed 108 submissions)

- 2022 **Special Recognitions for Outstanding Reviews for UIST2022**  
2021 **Special Recognitions for Outstanding Reviews for CHI2021**  
2020 - 2024 SIGCHI Conference on Human Factors in Computing Systems (CHI)  
2019 - 2024 SIGCHI Late Breaking Work (CHI LBW)  
2020 - 2023 ACM User Interface Software and Technology Symposium (UIST)  
2022 - 2024 ACM Transactions on Computer-Human Interaction (TOCHI)  
2022 - 2024 SIGCHI Workshop paper  
2023 SIGCHI Workshop proposal

- 2023 ICML Workshop paper
- 2022 ACM SIGGRAPH
- 2022 ACM SIGGRAPH Asia
- 2022 International Symposium on Mixed and Augmented Reality (ISMAR)
- 2022 ACM Multimedia (MM)
- 2021 Computers & Graphics (C&C)
- 2020 Australian Computer-Human Interaction Conference (OzCHI)
- 2020 ACM International Conference on Interactive Surfaces and Spaces (ISS)
- 2020 ACM Symposium on Virtual Reality Software and Technology (VRST)
- 2020 IEEE Virtual Reality Conference (IEEE VR)
- 2019 IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)
- 2019 Pacific Graphics (PG)
- 2019 IFIP Conference on Human-Computer Interaction (INTERACT)
- 2019 Graphics Interface (GI)

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## Grants and Honors

- 2023 **Meta Research PhD Fellowship**
- 2022 **Google Europe Students with Disabilities Scholarship** (\$7,000)
- 2024 Finnish Center for Artificial Intelligence (FCAI) Travel Grant (22,000 Euros)
- 2022 - 2025 Finnish Center for Artificial Intelligence (FCAI) Grants
- 2022 Best Paper Honorable Mention, CHI2022
- 2022 Special Recognitions for Outstanding Reviews for UIST2022
- 2022 ACM SIGCHI Gary Marsden Travel Award (In-person)
- 2021 Special Recognitions for Outstanding Reviews for CHI2021
- 2021 ACM SIGCHI Gary Marsden Travel Award (Virtual)
- 2020 Oral paper top 5%, CVPR2020
- Sept. 2020 Adobe Research Gift Grant for Document Intelligent Research (2020 Fall) (\$10,000)
- May 2020 Adobe Research Gift Grant for Document Intelligent Research (2020 Summer) (\$10,000)
- 2019 Jacob K. Goldhaber Travel Grant Award
- 2019 Department of Computer Science Travel Grant Award, University of Maryland
- 2018 - 2020 Graduate Dean's Scholarship, University of Maryland, College Park (\$10,000)
- Sept. 2018 Maryland Center For Women In Computing (MCWIC) Grace Hopper Scholarship
- 2014 - 2018 Dean's List Scholar x 4, University of Toronto
- 2014 - 2016 New College Council In-Course Scholarship x 2, University of Toronto
- 2014 - 2015 Award for Outstanding Achievement in Mathematical Expression and Reasoning for Computer Science, University of Toronto
- 2012 National Olympiad in Biology in Provinces, First Prize
- 2011 China Adolescents Science and Technology Innovation Contest, First Prize

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## Professional Experience and Internship

- Jan 2024 Visiting PhD Student
- June 2024 **Carnegie Mellon University, USA**  
Supervisor: Prof. Jeffery Bigham
- June 2023 Research Intern

- Sept 2023 **Apple, USA**  
Supervisor: Dr. Jeffery Nichols
  
- Oct 2020 Research Candidate
- Apr 2022 **Max Planck Institute for Informatics (MPII), Germany**  
Supervisor: Prof. Christian Theobalt
  - Developed a system for high-fidelity and expressive capture of human performances from monocular videos (Published at BMVC2022).
  
- June 2020 Research Intern
- Aug 2020 **Carnegie Mellon University, Pennsylvania, USA**  
Supervisor: Prof. Chris Harrison
  - Developed a privacy-preserving activity recognition system based on Doppler radar data (CHI2021).
  
- Mar 2020 Research Intern
- Aug 2020 **Adobe Research, College Park, Maryland, USA**  
Supervisor: Dr. Vlad Morariu
  - Document Intelligence Lab.
  - Created a new document layout with dynamic viewing. (A paper in submission)
  
- June 2019 Visiting Research Student
- Aug 2019 **Shenzhen University, Shenzhen, China**  
Supervisor: Prof. Hui Huang & Prof. Daniel Cohen-Or
  - Worked on differentiable sketching methods.
  
- May 2017 Software Engineer
- April 2018 **Intel Corporation, San Jose, California, USA**
  - Programmable Intellectual Property Engineering (PIPE) Infrastructure Group.
  - Developed software tools for all the FPGA IP groups at Intel.
  
- May 2016 Research Assistant
- Apr 2017 **University of Toronto, Toronto, Canada**  
Supervisor: Prof. Gerald Penn
  - Worked on vector addition tree automata and reachability problem for vector addition systems
  - Explored the correctness of an algorithm about Lambek Categorical Grammar for Practical Parsing.

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## Invited Talks

- June 28, 2023 **Computational Approaches for UI Understanding**, Google, USA (Hosted by Tiffany Kneareem)
- Apr 13, 2023 **UEyes: Understanding Visual Saliency across User Interface Types**, HelsinCHI Symposium, Finland (Hosted by Antti Oulasvirta)
- Apr 13, 2023 **Demo: Computational Assistance for User Interface Design: Smarter Generation and Evaluation of Design Ideas**, HelsinCHI Symposium, Finland (Hosted by Antti Oulasvirta)
- Apr 12, 2023 **Computational Approaches for User Interfaces**, City University of Hong Kong, China (Hosted by Zhicong Lu)
- Apr 12, 2023 **UEyes: Understanding Visual Saliency across User Interface Types**, CHI Lux Seminar, Luxembourg (Hosted by Luis Leiva)

- Aug 24, 2022 **Computational Design – Optimization for Adaptive User Interfaces**, DELTA Summer Workshop 2022, Finland (Hosted by Jari Nurmi)
- Apr 8, 2022 **Adaptive User Interfaces**, Hasso Plattner Institute, Germany (Hosted by Ran Zhang & Patrick Paudisch)
- Mar 17, 2022 **Adaptive User Interfaces**, University of Luxembourg, Luxembourg (Hosted by Luis Leiva)
- Dec 7, 2021 **Adaptive User Interfaces and 3D Reconstruction**, ETH Zurich, Switzerland (Hosted by Christian Holz & Otmar Hilliges)
- Sept 27, 2021 **Adaptive User Interface**, Seminar of HCI for Chinese HCI Researchers
- Dec 2, 2020 **Adaptive GUI Layout**, DGP HCI Session, University of Toronto, Canada (Hosted by DGP Lab)
- Sept 4, 2020 **Responsive Document Using OR-Constraint Optimization**, Document Intelligence Lab Talk, Adobe Research, USA (Hosted by Vlad Morariu)
- Aug 18, 2020 **High-Speed, High-Accuracy, Low-Latency Touch Tracking**, Apple Annual Showcase for FIGLab, Apple & CMU, USA (Hosted by Chris Harrison)
- Aug 18, 2020 **Doppler Radar for Activity Recognition**, Apple Annual Showcase for FIGLab, Apple & CMU, USA (Hosted by Chris Harrison)
- July 31, 2020 **High-Speed, High-Accuracy, Low-Latency Touch Tracking**, FIGLab Research Review Presentation, Apple & CMU, USA (Hosted by Chris Harrison)
- July 31, 2020 **Doppler Radar for Activity Recognition**, FIGLab Research Review Presentation, Apple & CMU, USA (Hosted by Chris Harrison)
- July 14, 2020 **Document Layout with OR-Constraints**, Graphics Intelligence Lab Talk, Adobe Research, USA (Hosted by Paul Asente)
- June 27, 2020 **SDFDiff: Differentiable Rendering of Signed Distance Fields for 3D Shape Optimization**, DeeCamp AI Training Camp, AI Institute of Sinovation Ventures, China (Hosted by Ran Zhang (IST Austria))
- May 29, 2020 **ORCSolver: An Efficient Solver for Adaptive GUI Layout with OR-Constraints**, German CHI Week, German HCI, Germany (Hosted by Teresa Hirzle & Christina Schnegass)
- May 20, 2020 **ORCSolver: An Efficient Solver for Adaptive GUI Layout with OR-Constraints**, BathCHI 2020 Seminar, University of Bath, UK (Hosted by Christof Lutteroth)
- Dec 3, 2019 **ORC Layout: Adaptive GUI Layout with OR-Constraints**, Document Intelligence Lab Talk, Adobe Research, USA (Hosted by Vlad Morariu & Tong Sun)
- July 11, 2019 **ORC Layout: Adaptive GUI Layout with OR-Constraints**, Visual Computing Summer School 2019, Shenzhen University, China (Hosted by Hui Huang)
- May 15, 2019 **Signed Distance Function Based Differentiable Rendering**, Capital Graphics 2019, George Mason University, Arlington, VA, USA (Hosted by Yotam Gingold)
- May 2, 2019 **ORC Layout: Adaptive GUI Layout with OR-Constraints**, UMD HCI Lab BBL Talk, University of Maryland, USA
- April 4, 2019 **ORC Layout: Adaptive GUI Layout with OR-Constraints**, Human-Computer Interaction Lab 36th Annual Symposium, USA (Hosted by Niklas Elmqvist)
- April 1, 2019 **ORC Layout: Adaptive GUI Layout with OR-Constraints**, UMD HCI Lab SIGCHI Paper Talk Session, University of Maryland, USA (Hosted by Hernisa Kacorri)
- Jun 21, 2018 **Neural Programmer Interpreter**, Knowledge Representation and Reasoning Talk Session, University of Toronto, Canada (Hosted by Sheila McIlraith)
- Nov 8, 2016 **Vector Addition Systems Reachability Problem**, Mathematical Linguistics Talk Session, University of Toronto, Canada (Hosted by Gerald Penn)
- Oct 25, 2016 **Supertagging: A Non-Statistical Parsing-Based Approach**, Mathematical Linguistics Talk Session, University of Toronto, Canada (Hosted by Gerald Penn)
- Oct 3, 2016 **Reachability Problems for Vector Addition Systems**, University of Toronto Undergraduate Computer Theory Talk Session, University of Toronto, Canada



July 20, 2016 **Reachability Problems and Vector Addition Tree Automata**, Undergraduate Summer Research Program (UGSRP) Talk, University of Toronto, Canada

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## Teaching Experience

- May 2023 **Guest Lecturer & Exam Monitor** - Topic: Visual Perception, **Human Factors Engineering**  
Aalto University  
Instructor: Prof. Antti Oulasvirta
- Jan 2023 **Research Project Mentor - Research Project in Human-Computer Interaction**
- May 2023 Aalto University  
Instructor: Prof. Antti Oulasvirta
- Nov 2022 **Guest Lecturer** - Topic: Visual Saliency, **Computational Design and Interaction**  
Aalto University  
Instructor: Prof. Antti Oulasvirta
- May 2022 **Exam Monitor - Human Factors Engineering**  
Aalto University  
Instructor: Prof. Antti Oulasvirta
- Oct 2021 **Co-Instructor - Seminar: Computing the User and their interface**
- Feb 2022 Saarland University  
Instructors: Prof. Anna Maria Feit, Yue Jiang, Kevin Baum, Markus Langer
- Apr 2021 **Co-Supervisor - Seminar: Computer Vision and Machine Learning for Computer Graphics**
- Aug 2021 Max Planck Institute for Informatics  
Instructors: Prof. Christian Theobalt, Dr. Mohamed Elgharib, Dr. Vladislav Golyanik
- Jan 2020 **Teaching Assistant - CMSC740 Advanced Computer Graphics**
- May 2020 Department of Computer Science, University of Maryland  
Instructor: Prof. Matthias Zwicker
- Aug 2019 **Teaching Assistant - CMSC427 Computer Graphics**
- Dec 2019 Department of Computer Science, University of Maryland  
Instructor: Prof. Matthias Zwicker
- Aug 2018 **Teaching Assistant - CMSC427 Computer Graphics**
- Dec 2018 Department of Computer Science, University of Maryland  
Instructor: Prof. Matthias Zwicker
- Jan 2017 **Teaching Assistant - CSC263 Data Structures and Analysis**
- Apr 2017 Department of Computer Science, University of Toronto  
Instructors: Prof. Sam Toueg and Prof. Francois Pitt
- Sept 2016 **Teaching Assistant - CSC263 Data Structures and Analysis**
- Dec 2016 Department of Computer Science, University of Toronto  
Instructor: Prof. David Liu
- Jan 2016 **Teaching Assistant - CSC165 Mathematical Expression and Reasoning for computer Science**
- Apr 2016 Department of Computer Science, University of Toronto  
Instructors: Dr. Ilir Dema and Dr. Abdallah Farraj
- Sept 2015 **Peer Tutor - MAT223/224 Linear Algebra I & II**
- Apr 2016 Department of Mathematics, University of Toronto

- Sept 2015 **Peer Tutor** - MAT137 **Calculus**  
– Apr 2016 Department of Mathematics, University of Toronto  
2014 **Teaching Volunteer** - High School **Mathematics** and **Physics**  
Qinyuan, Shanxi Province, China

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## Mentoring Experience

### Students Mentored:

- 2023 Ananya Dutta (Undergraduate student, Manipal University Jaipur)  
Topic: Scanpath-based UI Optimization  
2023 Busra Asan (Master student, Istanbul Technical University)  
Topic: Color Optimization for UIs  
2023 Changkong Zhou (Master student, Aalto University)  
Topic: UI Autocompletion  
2023 Henrik Kauppi (Master student, Aalto University)  
Topic: Scanpath Dataset for UI Transitions  
2023 Lotta Merisaari (Master student, Aalto University)  
Topic: Scanpath Dataset for UI Transitions  
2023 Yao Zhang (Master student, Aalto University)  
Topic: UI Embedding  
2023 Elham Sadri (Master student, Simon Fraser University)  
Topic: Design and Evaluation of a New Editor for Responsive Graphical User Interfaces  
2021 Kartik Teotia (Master student, Max Planck Institute) [Seminar Supervisor]  
Topic: NeRF and Signed Distance Field (SDF)  
2020 Duotun Wang (Master student, University of Maryland)  
Topic: Signed Distance Field-Based Differentiable Sketching  
2018, 2019 Graduate Mentor for Technica (All-Women Hackathon)  
2018 - 2020 Graduate Mentor at Maryland Center For Women In Computing (MCWIC) Peer mentoring

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## Press Coverage

- May 11, 2021 **CMU researchers show potential of privacy-preserving activity tracking using radar** – TechCrunch  
May 8, 2019 **Eases the pain of multiple UI designs** – IT Works Solution  
May 7, 2019 **New open source software eases the pain of multiple UI designs** – Phys.org  
May 7, 2019 **New software eases the pain of multiple UI designs** – University of Bath, UK

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## Voluntary Experience

- May 2022 Student Volunteer for the SIGCHI Conference on Human Factors in Computing Systems (**CHI2022**), New Orleans, USA.  
Oct 2021 Student Volunteer for the ACM Symposium on User Interface Software and Technology (**UIST2021**) (Virtual).  
Sept 2021 Student Volunteer for the ACM International Conference on Mobile Human-Computer Interaction (**MobileHCI2021**), Toulouse, France (Virtual).  
Nov 2020 Student Volunteer for the ACM Interactive Surfaces and Spaces (**ISS2020**), Lisbon, Portugal (Virtual).  
April 2019 Student Volunteer for **Human-Computer Interaction Lab 36th Annual Symposium**, Maryland, USA



May 2016 Volunteer for **Doors Open Toronto 2016**, City Cultural Events, Toronto, Canada

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## References

**Prof. Antti Oulasvirta** – Professor, Aalto University, Finland

**Prof. Wolfgang Stuerzlinger** – Professor, Simon Fraser University, Canada

**Prof. Christof Lutteroth** – Associate Professor, University of Bath, UK

**Prof. Jeffrey Bigham** – Associate Professor, Carnegie Mellon University, USA

**Dr. Jeffrey Nichols** – Research Scientist, Apple, USA