Yasaman Rohanifar

PhD Student in Computer Science

University of Toronto

EDUCATION

MAY 2020-PRESENT	Ph.D. in COMPUTER SCIENCE - Human-Computer Interaction University of Toronto, Ontario, Canada **Thesis**: Designing for Everyday Ethical Decision-Making **Committee**: Dr. Robert Soden, Dr. Alex Mariakakis, Dr. Syed Ishtiaque Ahmed **GPA** (to date): 4.0/4.0
SEPT 2018-MAY 2020	M.Sc in COMPUTER SCIENCE - Human-Computer Interaction University of Toronto, Ontario, Canada **Thesis**: Designing Community-Based Inclusive FinTech for Immigrants and Refugees **Committee**: Dr. Cosmin Munteanu, Dr. Syed Ishtiaque Ahmed **GPA**: 4.0/4.0
SEPT 2013-JUNE 2018	B.Sc in COMPUTER ENGINEERING, Major: SOFTWARE Shahid Beheshti University, Tehran, Iran **Thesis:** Designing an Agile System to Implement Information Security Management Systems **Committee**: Dr. Alireza Shameli Sendi, Dr. Ramak Ghavamizadeh, Dr. Eslam Nazemi **GPA**: 18.23/20 - **Ranked 2nd** (FINAL YEAR GPA: 19.16/20)

RESEARCH INTERESTS

My research is interdisciplinary and lies within the intersections of computers and humanity. Inspired by the theories of science and technology, HCI, ICTD, CSCW, and development studies, I try to understand the socio-technical practices of marginalized communities and come up with practical technical solutions. I'm interested in Financial Technologies (FinTech), Behavioral Finance, and Empathetic Technologies.

HONORS AND AWARDS

JAN 2023	**Wolfond Scholarship Program in Wireless Information Technology** 2022-2023 Academic Year - **$5,000** Awarded to select students pursuing research in areas related to wireless information technology based on academic merit. University of Toronto, Canada.
OCT 2022	**UofT DCS PhD Travel Conference Grant** 2022-2023 Academic Year - **$100** Awarded by the Department of Computer Science at the University of Toronto to select students, presenting their research at an academic conference. University of Toronto, Canada.
OCT 2021	**HCOMP Blue Sky Ideas Top Paper Award** 2021-2022 Academic Year - **$750** Awarded by the Computing Community Consortium (CCC) to the top papers submitted to the "Blue Sky Ideas" track in HCOMP 2021. University of Toronto, Canada.
MAY 2021	**University of Toronto SGS Conference Grant** (not availed) 2020-2021 Academic Year - **$330** Awarded to eligible students who are actively presenting their research – either virtually or in-person – at an academic conference. University of Toronto, Canada.

APRIL 2021   **Alexander Graham Bell Canada Graduate Scholarship-Doctoral (CGS D)**
2021-2024 Academic Years - **$105,000**
The NSERC offers this federal scholarship to the top-ranked PGS D applicants with the aim of rewarding and retaining high-calibre doctoral students at Canadian institutions.
University of Toronto, Canada.

MARCH 2021   **Shortlisted For The University of Toronto TATP TA Excellence Awards**
2020-2021 Academic Year
Presented annually by the Teaching Assistants' Training Program (TATP) at UofT, this award seeks to value the work of TAs who regularly inspire and challenge undergraduate students.
University of Toronto, Canada.

FEB 2021   **University of Toronto PhD Travel Conference Grant**
2020-2021 Academic Year - **$318.85**
Awarded to full-time PhD students in good standing presenting a paper as a speaker relevant to their academic program.
University of Toronto, Canada.

DEC 2020   **Beatrice "Trixie" Worsley Graduate Scholarship in Computer Science**
2020-2021 Academic Year - **$4,000**
Awarded on the basis of academic merit to one or more students enrolled in the PhD program who have taken an active role in helping to promote women in the field of computer science.
University of Toronto, Canada.

SEPT 2020   **Ontario Graduate Scholarship (OGS)**
2020-2021 Academic Year - **$15,000**
Jointly funded by the Province of Ontario and the University of Toronto, awarded to graduate students in all disciplines on the basis of academic merit.
University of Toronto, Canada.

DEC 2019   **University of Toronto SGS Conference Grant** (not availed)
2019-2020 Academic Year - **$1,160**
The SGS Conference Grant provides financial support to encourage eligible students to actively present their research at academic conferences during their early stages of graduate studies.
University of Toronto, Canada.

FEB 2020   **Impact Center Innovation Fellowship**
Impact Center 2020 - **$1,000**
University of Toronto, Canada.

SEPT 2019   **Pueblo Science Hackathon** and People's Choice Award Winner
Hackathon for Science Education 2019 - **$700**
University of Toronto, Canada.

APR 2018   **Canada Graduate Scholarship (CGS) - Master's** (not availed)
2018-2019 Academic Year - **$17,500**
Jointly administered by Canada's three granting agencies: CIHR, NSERC and SSHRC, the CGS-M provides support to high-calibre scholars in eligible master's or PhD programs in Canada.
Ryerson University, Canada.

SEPT 2018   **Ranked 2nd** among Software Engineering students class of 2018
Shahid Beheshti University, Tehran, Iran

DEC 2015   **Honorable Mention** in Asia Regional **ACM-ICPC**, Asia Tehran site
Sharif University of Technology, Tehran, Iran.

NOV 2015   **1st Place** in Qualification Contest **ACM-ICPC**
Shahid Beheshti University, Tehran, Iran.

DEC 2014   14th Place in Asia Regional **ACM-ICPC**, Asia Tehran site
Sharif University of Technology, Tehran, Iran.

SEPT 2013   **Ranked top 0.5%** in nationwide university entrance examination
among more than 300,000 participants, Iran

DEC 2010   **Silver Medalist** at the 7th International Junior Science Olympiad **(IJSO)**
Abuja, Nigeria

PUBLICATIONS

1. **Yasaman Rohanifar**, Sharifa Sultana, Shaid Hasan, Priyank Chandra, and Syed Ishtiaque Ahmed. 2022. *'Kabootar': Towards Informal, Trustworthy, and Community-Based FinTech for Marginalized Immigrants*. In Proceedings of the 2022 ACM SIGCAS Conference on Computing and Sustainable Societies **(CSCW'22)**. Association for Computing Machinery, New York, NY, USA, Article 384. https://doi.org/10.1145/3555109

2. **Yasaman Rohanifar**, Sharifa Sultana, Swapnil Nandy, Pratyasha Saha, Md. Jonayed Hossain Chowdhury, Mahdi Nasrullah Al-Ameen, and Syed Ishtiaque Ahmed. 2022. *The Role of Intermediaries, Terrorist Assemblage, and Re-skilling in the Adoption of Cashless Transaction Systems in Bangladesh*. In ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies (COMPASS) **(COMPASS '22)**. Association for Computing Machinery, New York, NY, USA, 266–279. https://doi.org/10.1145/3530190.3534810

3. **Yasaman Rohanifar**, Syed Ishtiaque Ahmed, Sharifa Sultana, Prateek Chanda, Malay Bhattacharyya. 2021. *Human Computation and Crowdsourcing for Earth*. In Proceedings of the ninth AAAI Conference on Human Computation and Crowdsourcing **(HCOMP'21)**. Association for the Advancement of Artificial Intelligence (PDF)

4. **Yasaman Rohanifar**, Priyank Chandra, M Ataur Rahman, Syed Ishtiaque Ahmed. 2021. *Money Whispers: Informality, International Politics, and Immigration in Transnational Finance*. In Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems **(CHI'21)**. Association for Computing Machinery, New York, NY, USA, Article 38, 1–14. DOI:https://doi.org/10.1145/3411764.3445065

5. **Yasaman Rohanifar**, Mohammad Rashidujjaman Rifat, Nusrat Jahan Mim, Syed Ishtiaque Ahmed. 2019. *Ambivalence: Simultaneous Tactile Experiences of Using and Recycling Smartphones*. In Companion Publication of the 2019 on Designing Interactive Systems Conference 2019 Companion **(DIS '19 Companion)**. Association for Computing Machinery, New York, NY, USA, 53–56. DOI: https://doi.org/10.1145/3301019.3325149

6. Dina Sabie, Samar Sabie, Cansu E Dedeoglu, **Yasaman Rohanifar**, Fatma Hashim, Steve Easterbrook, Syed Ishtiaque Ahmed. 2019. *Exile Within Borders: Understanding the Limits of the Internally Displaced People (IDPs) in Iraq*. In Proceedings of the 5th Workshop on Computing within Limits **(LIMITS '19)**. Association for Computing Machinery, New York, NY, USA, Article 1, 1–16. DOI: https://doi.org/10.1145/3338103.3338104

TEACHING EXPERIENCE

FALL 2020, WINTER 2020-2022 SUMMER 2020 & 2022	**Teaching Assistant, CSC318H1: Design of Interactive Computational Media**
FALL & WINTER 2019-2021 FALL 2022 & 2023, WINTER 2023	**Teaching Assistant, CSC300H1: Computers and Society**
FALL & WINTER 2018-2019 SUMMER 2021 & 2023	**Teaching Assistant, CSC207H1: Software Design**
WINTER 2023	**Teaching Assistant, CSC2604H1: Design Theory & HCI** (Graduate Course)
SUMMER 2019	**Teaching Assistant, CSC108H1: Introduction to Programming**
FALL 2017	**Teaching Assistant, Software Engineering**
FALL 2016	**Teaching Assistant, Artificial Intelligence**

SPRING 2015   **Teaching Assistant, Advanced Programming**

FALL 2015   **Teaching Assistant, Technical English for Computer Science & Engineering**
SPRING 2015-2017

SERVICE AND VOLUNTEER WORK

Organization

JAN 2023   **Associate Chair (AC) - Late Breaking Work**
APRIL 2023   ACM CHI 2023
Hamburg, Germany

FEB 2022   **Co-Chair - Notes and Posters**
JULY 2022   ACM COMPASS - SIGCAS Computing and Sustainable Societies
Co-located with ACM ICTD 2022
University of Washington, Seattle, USA

OCT 2020-   **Co-Organizer**
PRESENT   Critical Computing Seminar
University of Toronto, Canada

JULY 2020   **Co-Organizer**
HCI4D @ Third Space
University of Toronto, Canada

SPRING 2019   **Co-Organizer**
HerCodeCamp
University of Toronto, Canada

Student Volunteering

NOV 2021-   ACM ICTD Conference on Information & Communication Technologies and Development
JUN 2022   **Co-located with ACM Compass 2022**
University of Washington, Seattle, USA

OCT 2021   ACM CSCW Conference on Computer-supported Cooperative Work and Social Computing
Online Virtual Conference

MAY 2021   ACM CHI Conference on Human Factors in Computing Systems
Online Virtual Conference (Originally Yokohama, Japan)

Peer-Review

2023   ACM CHI Conference on Human Factors in Computing Systems (CHI)
2022   ACM CHI Conference on Human Factors in Computing Systems (CHI)
2021   ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)

Leadership and Service

NOV 2021-   **Departmental Graduate Student Representative**
PRESENT   Department of Computer Science Graduate Affairs Committee
University of Toronto, Canada

JAN 2019-   **Departmental Committee Representative and Leader**
JAN 2021   Graduate MetaSkills Seminars
University of Toronto, Canada

AUG 2019-   **Treasurer**
PRESENT   Computer Science Graduate Student Benevolent Society (CSGSBS)
University of Toronto, Canada

Apr 2017- Apr 2018	**Vice Chair** IEEE Student Branch Shahid Beheshti University, Iran
Apr 2015- Apr 2018	**Electrical Communications Committee (ECC) & Technical Member** International Technical Committee Shahid Beheshti University, Iran

Volunteer Work

July 2019- Present	**Mentor** • Graduate Application Assistance Program (GAAP) - UofT Assisting prospective students in groups underrepresented in CS • Undergraduate students through the Youth Mentorship Program - UofT Scientista
Jun 2015- Sept 2015	**Volunteer Teacher, Society of Students Against Poverty** Taught English to orphan and underprivileged children

Presentations, Posters, Invited Research Talks, and Lectures

Apr 2023	Title: **"Designing for Everyday Decision Making"** Venue: The ACM CRA-WP Grad Cohort For Women (Poster Presentation)
Nov 2021 Nov 2022	Lecture: **ICT Use to Help Humanity** Courses: ENV360, ENV261 - Is the Internet Green?
Nov 2019-2021 Mar 2019-2023	Lecture: **Gender and Computing** Course: CSC300 - Computers and Society
Nov 2019	Title: **"Informality and Transnational Finance"** Venue: CAN-CWIC 2019 (Poster Presentation)
June 2019	Title: **"Designing Technologies for Financial Transactions Across Borders"** Venue: FinteQC'19 (Honorable Mention)

Academic Memberships

Feb. 2015-Present	**Association for Computing Machinery (ACM)** - Student Member
Mar. 2016-Present	**IEEE/IEEE Computer Society/IEEE Women in Engineering** - Member
Feb. 2019-Present	**The University of Toronto School of Cities** - Student Academy Fellow
Aprl. 2015-Aug 2018	**International Technical Committee** - Technical & Executive Member

Technical Skills

Programming Languages and Typesetting Systems:	Python, Java, J2EE, XML, JSON, HTML, CSS, JS, PHP, Verilog, Assembly (Mips, X86, AVR, 8051), LaTeX
Tools, Frameworks, MISC:	SQL, NoSQL, Bootstrap, Flask, Spring, Proteus, ModelSim, Figma, Framer
Visualization Tools:	Tableau, D3.js, chart.js

Languages

Farsi:	Native
English:	Full Professional Proficiency
French:	Elementary Proficiency
Arabic:	Elementary Proficiency