

Arthur Borem

arthurborem@uchicago.edu | 832 560 9681
arthurborem.com

Education

- | | |
|-----------|---|
| 2021-2026 | University of Chicago , PhD in Computer Science
<i>Research areas:</i> Privacy, Security, Data Subject Access Rights. <i>Advisor:</i> Blase Ur. |
| 2016-2020 | Brown University , ScB in Computer Science
<i>Research areas:</i> Human Computer Interaction, Pedagogy. <i>Advisor:</i> Christina Smith. |

Publications

- | | |
|------------------------|---|
| USENIX
Security '24 | Arthur Borem , Elleen Pan, Olufunmilola Obielodan, Aurelie Roubinowitz, Luca Dovichi, Michelle Mazurek, Blase Ur. "Data Subjects' Reactions to Exercising their Right of Access." |
| CHI 2024 | Galen Harrison, Ahmad Emmanuel Balla Bamba, Kevin Bryson, Luca Dovichi, Aleksander Herrmann Binion, Arthur Borem , Blase Ur. "JupyterLab in Retrograde: Data-Driven Contextual Notifications That Highlight Ethical Issues for Data Scientists." 🏆 Best Paper Award. |
| USENIX
Security '23 | Alexandra Nisenoff, Arthur Borem , Madison Pickering, Grant Nakanishi, Maya Thumpasery, Blase Ur. "Defining 'Broken': User Experiences and Remediation Tactics When Ad-Blocking or Tracking-Protection Tools Break a Website's User Experience." |
| CHI 2021 | Nediyana Daskalova, Eindra Kyi, Kevin Ouyang, Arthur Borem , Sally Chen, Nicole Nugent, Jeff Huang. "Self-E: Smartphone-Supported Guidance for Customizable Self-Experimentation." |
| FIE 2020 | Arthur Borem , Christina Smith. "Developing and Supporting STEM Undergraduate Teaching Assistants as Partners in Teaching." IEEE Frontiers in Education Conference 2020. |

Experience

- | | |
|-----------|---|
| 2021- | UChicago Security, Usability, & Privacy Education & Research Group (Chicago, IL)
Research Assistant, Advisor: Blase Ur. |
| 2020-2021 | Asana (San Francisco, CA)
Software Engineer II |
| 2019-2020 | Brown University HCI Group (Providence, RI)
Student Researcher, Advisor: Jeff Huang. |
| 2018-2020 | Sheridan Center for Teaching and Learning (Brown University — Providence, RI)
Student Researcher, Advisor: Christina Smith. |
| 2019 | Brown University Redistricting Group
Student Researcher, Advisor: Philip N Klein. |

Grants and Awards

2023	NSF Travel Award #2330434
2021	Crerar Fellowship. <i>UChicago</i> .
2021	NSF Graduate Research Fellowship Program, Honorable Mention.
2019-2020	Problem Solving Fellow. <i>Center for Teaching and Learning at Brown University</i> .
Fall 2019	Karen T. Romer Undergraduate Teaching and Research Award. <i>Brown University</i> .
Spring 2019	Travel grant to the inaugural Queer Tech Voices Summit. <i>Google</i> .
2018-2019	Out 4 Undergrad Tech (two time recipient). <i>Brown University</i> .
Spring 2018	Travel grant for ACM Richard Tapia Conference. <i>Brown University</i> .

Talks & Panels

August 2021	Navigating Tech for Underrepresented Minorities in CS. <i>Brown University CS Department</i> .
March 2021	Out in CS: LGBTQ+ experiences in tech and academia. <i>Brown University CS Department</i> .

Teaching

Winter 2022-2024	Introduction to Computer Security TA, <i>UChicago</i> , Professors Blase Ur & David Cash
Summer 2022	Artificial Intelligence: The Good, the Bad, the Biased, and the Privacy-Invasive TA, <i>UChicago Collegiate Scholars Program (High School Students)</i> , Professor Blase Ur
Spring 2020	Computing Foundations: Program Organization TA, <i>Brown University</i> , Professor Doug Woos
Spring 2019	An Integrated Introduction to Computer Science Head TA, <i>Brown University</i> , Professor Kathi Fisler
Fall 2018	Introduction to Computer Systems TA, <i>Brown University</i> , Professor Thomas Doeppner
Spring 2018	An Integrated Introduction to Computer Science TA, <i>Brown University</i> , Professor Kathi Fisler

Service & Community

2021-	CS Department's Equity, Diversity, and Inclusion Committee Committee member. <i>UChicago CS Department</i> .
2022-2023	Student Application Support Program (for marginalized students in CS) Organizer, founder. <i>UChicago CS Department</i> .

2021-2022	CS Graduate Student Ministry Diversity, Equity, and Inclusion Minister. <i>UChicago CS Department.</i>
2019-2020	Undergraduate TAs Working Group and Committee Committee member and student lead. <i>Brown University.</i>
2018-2020	Diversity & Inclusion Committee Committee member and student advocate. <i>Brown University CS Department.</i>
2018-2020	CS Department TA Training Curriculum developer, facilitator, and presenter. <i>Brown University CS Department.</i>
April 2019	Opening the Curriculum: Educational Innovation in the Liberal Arts, Brown University Facilitator. <i>Brown University.</i>
2018-2019	Mosaic+ (community for historically underrepresented students in CS) Mentor. <i>Brown University.</i>
Fall 2019	General Undergraduate TA Orientation Curriculum developer, facilitator, and presenter. <i>Brown University.</i>
Summer 2018	Mosaic+ Transition Program (historically underrepresented students in CS) Curriculum developer, facilitator, mentor, instructor. <i>Brown University CS Department.</i>
2017-2018	New Scientist Collective: STEM scholars from historically underrepresented groups Mentor. <i>Brown University.</i>