

Marianne Aubin Le Quéré

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Education

Cornell University, 2019-Present

PhD, Information Science | Advisor : Mor Naaman

GPA : 4.0

Selected Coursework : Computational Methods for Information Science Research, Natural Language Processing, Text and Networks, Advanced Topic Modeling

University of Washington, 2017-2019 (*Transferred to PhD*)

M.Sc., Human-Centered Design and Engineering (Part-time)

GPA : 3.8

Selected Coursework : Theoretical Foundations of Human-Centered Design and Engineering, Visual Communication, Usability Studies

Brown University, 2013-2017

B.Sc. with Honors, Computer Science and Non-Fiction

GPA : 3.8

Selected Coursework : Algorithms and Data Structures, Data Science, Human-Computer Interaction

Thesis : Why Reading an Article is Like Starting a Diet

Research

News Landscape Research

PI : Mor Naaman

Cornell Social Technologies Lab

2019-Present

Collaborate with Dr. Mor Naaman and fellow PhD students on research projects related to Tech, Media, and Democracy as part of the Social Technologies lab.

Upworthy Research Archive [\[link\]](#)

PI : J. Nathan Matias

Cornell Citizens and Technology Lab

2019-Present

Collaborate with Dr. J. Nathan Matias on the Upworthy Research Archive.

Project Sidewalk [\[link\]](#)

PI : Jon Froehlich

University of Washington Makeability Lab

2018-2019

Assisted Dr. Jon Froehlich and Research Scientist Mikey Saugstad with technical development of Project Sidewalk, an in-situ application that crowdsources city accessibility features.

The Tetra Beam

PI : Ian Gonsher

Brown Robotic Interaction Lab

2016-2017

Worked with Ian Gonsher and Peter Haas on design robotics projects.

Drafty [\[link\]](#)

PI : Jeff Huang

Brown HCI Lab

2016-2017

Collaborated with Dr. Jeff Huang and PhD Student Shaun Wallace on a crowdsourced database verification platform.

Industry

Data Science PhD Intern

Reddit

2023

Incoming PhD Data Science intern.

Data Science PhD Intern

Nokia Bell Labs, Social Dynamics Lab

2022

Completed research project on social capital and language-based indicators of community in online local communities.

- Wrote coding architecture to retrieve data from an online local social media platform at scale.
- Completed computational analysis of online data and linked data to offline demographic indicators at the city level.

- Wrote draft of research paper for submission to conferences.

User Research Intern

Pocket (Mozilla)

2020

Worked as a User Researcher at Pocket, a multi-platform app that lets you save articles to read for later.

- Interviewed 14 participants who are Pocket power users about their news article saving and reading behaviors
- Analyzed the data of 50,000 randomly sampled Pocket power users, to extract key insights into how they are saving and interacting with content in their Pocket
- Conducted a quantitative survey of Pocket power users with 1000+ responses, which segmented users into differ personas
- Presented these findings to 60+ employees across Mozilla’s Pocket and Research organization

Program Manager

Microsoft

2017-2019

PM responsible for all payment and security experiences for Microsoft Advertising, an \$8B+ ad platform, including :

- Organized the worldwide roll-out of new payment methods on the website.
- Readied the platform for EU payment regulations impacting \$250M per year.
- Added support for work authentication across the website, desktop app, mobile app, API, and more.

Program Manager Intern

Microsoft

2016

Designed a hybrid billing option that lets customers accrue a balance or add funds.

Publications Under Review

When Curiosity Gaps Backfire : The Effect of Headline Concreteness on News Clickthrough Rates, Marianne Aubin Le Quere and J. Nathan Matias, *Registered Report In-Principle Accepted by Nature Scientific Reports*.

An Article a Day : Towards Personal Informatics for Healthy News Consumption, Marianne Aubin Le Quere, Lauren Tran, Andrew Berger, Chris Nguyen, Rohini Venkatesan, Anastasia Sorokina, Yuanhang Xu, and Mor Naaman, *Under Review*.

Under the (neighbor)hood : Hyperlocal Surveillance on Nextdoor, Madiha Choksi, Marianne Aubin Le Quere, Travis Lloyd, Ruoqia Tao, James Crimmelman, and Mor Naaman, *Under Review*.

The Role of Inclusion, Control, and Ownership in Workplace AI-Mediated Communication, Kowe Kadoma, Marianne Aubin Le Quere, Xiyu Jenny Fu, Christin Munsch, Danae Metaxa, and Mor Naaman, *Under Review*.

Heavily Peer-Reviewed Publications

Not Quite Filling the Void : Comparing the Perceptions of Local Online Groups and Local Media Pages on Facebook, Marianne Aubin Le Quere, Jenna Fields, and Mor Naaman, *Accepted to Computer-Supported Co-operative Work Conference (CSCW)*, 2024.

Broadening scientific engagement and inclusivity in IPCC reports through collaborative technology platforms, Anthony Jude De-Gol, Corinne Le Quere, Adam J.P. Smith, and Marianne Aubin Le Quere, *Accepted at Climate Action 2023*.

Understanding Local News Social Coverage and Engagement at Scale Du-

ring the COVID-19 Pandemic, Marianne Aubin Le Quere, Ting-Wei Chiang, Mor Naaman, *International Conference on Web and Social Media (ICWSM)*, 2022.

Information Needs of Essential Workers During the COVID-19 Pandemic, Marianne Aubin Le Quere, Ting-Wei Chiang, Karen Levy, Mor Naaman, *Proceedings of the ACM on Human-Computer Interaction (CSCW)*, 2022.

The Upworthy Research Archive, a time series of 32,487 experiments in U.S. media, J. Nathan Matias, Kevin Munger, Marianne Aubin Le Quere, Charlie Ebersole, *Nature Scientific Data*, 2021.

Drafty : Enlisting Users to be Editors who Maintain Structured Data, S. Wallace, L. Van Kleunen, M. Aubin Le Quere, A. Peterkin, Y. Huang, J. Huang. *Proceedings of the Fifth Conference on Human Computation and Crowdsourcing (HCOMP)*, 2017.

**Lightly
Peer-Reviewed
Publications**

Under the (neighbor)hood : a typography of community surveillance posts on NextDoor Madiha Choksi, Marianne Aubin Le Quere, *Privacy Law Scholars Conference*, 2023.

The Modern Informed Citizen : Understanding Information Trade-offs in Digital News Consumption , Marianne Aubin Le Quere, *CHI Doctoral Consortium*, 2023.

Social, Local, and Online : Comparing the Perceptions and Impact of Local Online Groups and Local Media Pages on Facebook, Marianne Aubin Le Quere, Jenna Fields, and Mor Naaman, *International Communication Association Conference*, 2023.

Social, Local, and Online : Comparing the Perceptions and Impact of Local Online Groups and Local Media Pages on Facebook, Marianne Aubin Le Quere, Jenna Fields, and Mor Naaman, *Computation and Journalism Symposium*, 2022.

Trusting AI in Under-Resourced Environments : Lessons from Local Journalism, Marianne Aubin Le Quere and Maurice Jakesch, *CHI TRAIT workshop*, 2022.

Other Writing

Rethinking AI and Local News, Marianne Aubin Le Quere, *Digital Life Initiative Critical Reflections Blog*, 2022.

Literature Review : AI and Local News, Marianne Aubin Le Quere, *Report prepared to evaluate philanthropic efforts at the Knight Foundation*, 2022.

**Grants &
Awards**

2022, *Cornell Tech Outstanding Service Award*
2021-2022, *Digital Life Initiative Doctoral Fellow*, \$5000
2021, *Facebook Fellowship Finalist in Computational Social Science*, selected among the top 3.5% of applicants out of 2,100+ total applications
2021, *Cornell University Backslash Art Microgrant*, \$500
2018, *Best Product Talk*, awarded for giving the best talk of 20+ talks at Ampere Conference (Internal Microsoft Advertising Conference)
2017, *Brown University Arts Initiative Student Grant*, \$500
2017, *Brown University Venture Launch Fund Explore Grant*, \$500

2017, *Brown University Design Workshop Maker Grant*, \$500
2015, *Brown University Venture Launch Fund Explore Grant*, \$500

Teaching

2023, *INFO5320 Psychological & Social Aspects of Technology*, Cornell Tech, Part-time PhD TA, *Guest lecture : Experimental Sampling and Validity*
2023, *INFO5330 Tech, Media, & Democracy*, Cornell Tech, Part-time PhD TA
2022, *INFO5320 Psychological & Social Aspects of Technology*, Cornell Tech, Part-time PhD TA
2022, *CS6382 Data Science for Social Change*, Cornell Tech, Part-time PhD TA
2020, *INFO5320 Psychological & Social Aspects of Technology*, Cornell Tech, PhD TA
2020, *CS4300 Language & Information*, Cornell University, PhD TA
2019, *INFO3450 Human-Computer Interaction Design*, Cornell University, PhD TA
2017, *CS1950-Y Logic For Systems*, Brown University, Undergraduate TA

Talks and Panels

2023, *Panel : PhD Internship Panel*, Information Science Graduate Seminar
2023, *Panel : The Modern Media Environment*, hosted by news aggregator SmartNews
2022, *Furthering community engagement with city subreddits*, Intern Talk, Reddit 2023
2022, *Panel : Digital Integrity and Resilience*, CSCW 2022 Northeast Meetup
2022, *Information Needs of Essential Workers During the COVID-19 Pandemic*, Information Science Graduate Seminar, Cornell
2022, *Local, Social, & Online : Comparing the Perceptions and Impact of Local Online Groups and Local Media Pages on Facebook*, Computation+Journalism Symposium, Brown Institute at Columbia University
2022, *Studying Local News at Scale*, Computation+Journalism Symposium, Brown Institute at Columbia University
2022, *Mapping the availability of civic information online*, Cornell Information Science A-Exam
2022, *Editorializing the Web*, MIT Viz Group
2022, *Women in Data Science Panel*, NYU Women in Data Science Student Group
2021, *Assessing the Contribution of Local News at Scale*, Digital Life Initiative Seminar Series, Cornell Tech
2021, *The Upworthy Research Archive : Insights gained from an open dataset of headline experiments*, Cornell Day of Data
2021, *A “Glocal” Pandemic : How Essential Workers Interact with COVID-19 Information*, Information Science Graduate Seminar, Cornell

Scientific Organizing

2022, *GSGIC Retreat for Gender Inclusion*, organized hybrid two-day retreat with 20 attendees to work on projects related to gender inclusion in computing.
2021, *GSGIC Retreat for Gender Inclusion*, organized virtual two-day retreat with 15 attendees to work on projects related to gender inclusion in computing.

Reviewing

2023, ICWSM ; CSCW ; CHI
2022, ICWSM ; CHI ; WWW (PC member), JOTS, ICA
2021, CSCW ; ACM Transactions on Social Computing ; CHI ; ICWSM

Service

2022, *Mentor for Incoming PhD Student*, Cornell Information Science Department
2022, *Masters’ Student Project Mentor*, Cornell Tech Connective Media Project
2022, *Social Coordinator*, PhD Students at Cornell Tech
2021, *Social Coordinator and Departmental Rep*, PhD Students at Cornell Tech
2021, *Mentor for Incoming PhD Student*, Cornell Information Science Department
2020-2021, *Vice-President*, [Graduate Students for Gender Inclusion in Computing](#)

2020, *Masters' Student Project Mentor*, Cornell Tech Connective Media Project
2020, *Lead organizer*, [Cornell COVID-19 Survey of Grad Students in Computing](#), Cornell Computer and Information Sciences Department
2020, *Mentor for Incoming PhD Student*, Cornell Information Science Department
2020, *Reviewer for PhD Applicants*, Cornell Information Science Department
2019-2020, *Indoor Cycling Instructor*, Cornell University Fitness Centers
2019-2020, *Data and Surveys Chair*, [Graduate Students for Gender Inclusion in Computing](#)

Languages

Human : English (fluent), French (native), German (fluent)

Computer : Python, R, SQL, HTML, CSS, Javascript, Java, C