

CATHERINE HAN

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EDUCATION

University of California, Berkeley

Bachelor of Arts in Computer Science - GPA: 3.577 (Expected Graduation: May 2020)

TEACHING & WORK EXPERIENCE

Software Engineering Intern

SALESFORCE. SUMMER 2019

- Worked on establishing a proper metrics database and pipeline on behalf of Salesforce Zero
- Integrated Micrometer metrics service into Zero's Terraform plans, establishing a client framework for services to push custom metrics to either NewRelic or Prometheus, integrating into one of Zero's production services.

Undergraduate Student Instructor

UNIVERSITY OF CALIFORNIA, BERKELEY EECS DPT.

- **CS 161** – Computer Security (FA19: 500-student course with **Dr. Nicholas Weaver**)
- **CS 61C** – Computer Architecture (FA18: 1,000-student course with **Prof. Dan Garcia** and **Prof. Borivoje Nikolic**)
- **CS 61B** – Data Structures (SP17, SU18, SP18: 1,500-student course with **Prof. Josh Hug**)
- **CS 61A** – Structure & Interpretation of Computer Programs (FA17: 1,800-student course with **Prof. John DeNero**)

Taught weekly discussion sections, held office hours and review sessions to deepen student understanding of conceptual material and debugging; managed logistics of course, including booking rooms, student accommodations, etc.; led course initiative to improve course climate to lower social barriers of entry to introductory computer science courses

RESEARCH EXPERIENCE

Research Assistant

BERKELEY LABORATORY FOR USABLE & EXPERIMENTAL SECURITY (BLUES). SUMMER 2018 - NOW

INTERNATIONAL COMPUTER SCIENCE INSTITUTE (ICSI). FALL 2019 - NOW

- Explored the implications of violations of privacy legislation by Android apps under the direction of **Dr. Serge Egelman**; developed infrastructure for *AppCensus*; led project on comparing privacy behaviors of free and paid Android apps
- Leading investigation on intersection of misinformation with ad tech under the direction of **Dr. Michael Carl Tschantz** and **Dr. Primal Wijesekera**, exploring economic stake of ad companies in fake news production and propagation

PUBLICATIONS

The Price is (Not) Right: Comparing Privacy in Free and Paid Apps

HAN, C., REYES, I., FEAL, A., REARDON, J., WIJSEKERA, P., VALLINA-RODRIGUEZ, N., ON, A.E.B., BAMBERGER, K., EGELMAN, S.

To appear in Proceedings on Privacy Enhancing Technologies Symposium (PoPETS), 2020(3).

Do You Get What You Pay For? Comparing the Privacy Behaviors of Free vs. Paid Apps

HAN, C., REYES, I., ON, A.E.B., REARDON, J., FEAL, A., EGELMAN, S., VALLINA-RODRIGUEZ, N.

Workshop on Technology and Consumer Protection (ConPro), May 2019

Can You Pay For Privacy? Consumer Expectations and the Behavior of Free and Paid Apps

BAMBERGER, K. A., EGELMAN, SERGE, HAN, C., ON, A.E.B., REYES, I.

Berkeley Technology Law Journal (BTLJ), Volume 35 Issue 1, 2020

POSTERS & PRESENTATIONS

Do You Get What You Pay For? Comparing the Privacy Behaviors of Free vs. Paid Apps

HAN, C., REYES, I., ON, A.E.B., REARDON, J., FEAL, A., EGELMAN, S., VALLINA-RODRIGUEZ, N.

FTC's 4th Annual PrivacyCon, June '19; Symposium On Usable Privacy and Security (SOUPS) Poster Session, Aug '19;

Privacy Law Scholars Conference (PLSC), May '19; NSF SaTC PI Meeting Undergraduate Track Poster Session, Oct '19