
Education

- Exp. June 2025 **Ph.D. in Computer Science, Stanford University**
Research interests: security, human-computer interaction, online abuse, trust & safety
Advisor: Prof. Zakir Durumeric
- Jan. 2025 **M.S. in Computer Science, Stanford University**
- May 2020 **B.A. in Computer Science, University of California, Berkeley**
- Technical Skills** Python, Java, C, Go, Git, Databases

Awards

- 2023 **Best Paper Award, ACM Computer-Supported Cooperative Work and Social Computing**
- 2021 **Graduate Research Fellowship Program Fellow, National Science Foundation**
- 2020 **School of Engineering Fellow, Stanford University**

Projects

- 2024 **PressProtect: a protective interface for journalists, CSCW 2024 [1]**
- Designed and evaluated an interface for Twitter/X that allows journalists to control when and how they engage with harassment on social media, based on need-finding interview results.
 - Scaffolded reader responses based on content attributes of “toxicity” and “relevance” to the journalist’s work using GPT-3.5 and Google Jigsaw’s Perspective.
- 2023 **Understanding “hate raids” on Twitch, CSCW 2023 [2] Best Paper**
- Characterized and measured the prevalence of “hate raids” on Twitch, a novel form of long-term harassment campaigns that leverage livestreaming platform affordances.
 - Situated ecosystem stakeholders responsibilities and advantages to propose suggestions to better protect vulnerable communities from existing and future attacks.
- 2022 **Analyzing web infrastructure of misinformation sites, ICWSM 2022 [3]**
- Identified web infrastructure (e.g., CDN, ad, DDoS protection) providers that serve misinformation sites, highlighting disproportionate use of Cloudflare and DoubleClick; press coverage in *TIME*.

Professional Experience

- Summer 2019 **Software Engineering Intern, Salesforce, Salesforce Zero**
- Implemented a telemetry pipeline to store service usage metrics into a database and visualized on NewRelic and Prometheus dashboards, which was integrated into production services.

Select Publications

- [1] **C. Han**, A. Li, D. Kumar, and Z. Durumeric, “PressProtect: An online harassment filtering system for journalists,” *ACM Computer-Supported Cooperative Work and Social Computing (CSCW)*, 2024.
- [2] **C. Han**, J. Seering, D. Kumar, J. Hancock, and Z. Durumeric, “Hate raids on Twitch: Echoes of the past, new modalities, and implications for platform governance,” *ACM Computer-Supported Cooperative Work and Social Computing (CSCW)*, 2023.
- [3] **C. Han**, D. Kumar, and Z. Durumeric, “On the infrastructure providers that support misinformation websites,” *International Conference on Web and Social Media (ICWSM)*, 2022.