

Hans William Alexander Hanley

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[Homepage](#), [Blog](#), [CV](#)



Education

PhD Computer Science, Stanford University , GPA: 4.031 <i>Meta PhD Research Fellow: Computational Social Science</i> <i>Stanford EDGE Doctoral Fellow</i>	(Expected) 2025
MS Computer Science, Stanford University , GPA: 4.031 <i>National Science Foundation Graduate Fellow</i>	2024
MSc Statistical Science, University of Oxford, 2020 , Distinction (Highest Honors) <i>Daniel M. Sachs Class of 1960 Graduating Scholarship at Worcester College</i>	2020
MSc Advanced Computer Science, University of Oxford, 2019 , Distinction (Highest Honors) <i>Daniel M. Sachs Class of 1960 Graduating Scholarship at Worcester College</i>	2019
BSE Electrical Engineering, Princeton University, 2018 , Highest Honors, GPA: 3.982 <i>Concentration: Information Security and Privacy</i> <i>Minors: Applications of Computing, Robotics and Intelligent Systems</i>	2018

Proficient Languages: Java, Python, C, Go, R, Git, TensorFlow, PyTorch, Huggingface
Experienced Languages: Mandarin Chinese (HSK 4), MATLAB, C#, C++

Professional Experience

Microsoft Software Engineering Intern <i>Microsoft Business Applications Group Data Engine Team Software Intern,</i>	Summer 2018
<ul style="list-style-type: none">Implemented a new framework in C# for Microsoft Business Application Group's mobile offline synchronization tool allowing the tool to scale more efficiently to 2x the number of users while reducing synchronizing time by 75%.Tested newly designed framework by utilizing 7 unique load and stress tests on a 30-server scale group to ensure the robustness of the implementation.Created concurrent row versioning feature across multiple servers for use in the mobile offline synchronization tool allowing more efficient data retrieval.	
Google Software Engineering Intern <i>Google Gmail Security Team Software Intern</i>	Summer 2017
<ul style="list-style-type: none">Designed and implemented a new security feature for Gmail Android to analyze outgoing email addresses and reduce user vulnerability.Implemented client security logic to decrease client requests' latency and bandwidth for processing recipient addresses to the Gmail backend server.Refactored and streamlined Gmail frontend and backend code to improve reliability and readability of code analyzing outgoing recipient addresses.	

Select Publications, [See Google Scholar](#)

- [Specious Sites: Tracking the Spread and Sway of Spurious News Stories at Scale](#)
Hans Hanley, Deepak Kumar, Zakir Durumeric
In 45th IEEE Symposium on Security and Privacy (Oakland 2024), May 2024.
- [TATA: Stance Detection via Topic-Agnostic and Topic-Aware Embeddings](#)
Hans Hanley and Zakir Durumeric
In 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023), December 2023
- [Machine-Made Media: Monitoring the Mobilization of Machine-Generated Articles on Misinformation and Mainstream News Websites](#)
Hans Hanley and Zakir Durumeric
In 18th International AAAI Conference on Web and Social Media (ICWSM), June 2024
- [Partial Mobilization: Tracking Multilingual Information Flows Amongst Russian Media Outlets and Telegram](#)
Hans Hanley and Zakir Durumeric
In 18th International AAAI Conference on Web and Social Media (ICWSM), June 2024.
- [Happenstance: Utilizing Semantic Search to Track Russian State Media Narratives about the Russo-Ukrainian War On Reddit](#)
Hans Hanley, Deepak Kumar, Zakir Durumeric
In 17th International AAAI Conference on Web and Social Media (ICWSM 2023), June 2023.