

Chicago, IL

Paul Lisker
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<https://lisker.me>

Education

HARVARD UNIVERSITY

AB in Computer Science

Relevant Coursework: Politics of Personal Data, Privacy and Technology, Cyberpolitics, Data Structures and Algorithms, Networks, Programming Languages, Linear Algebra and Real Analysis

Cambridge, MA

May 2017

Tech Skills

Programming: Java, Python, MySQL, Elasticsearch, Redis

Experience

MARK43

Senior Software Engineer (IC 5)

Senior Software Engineer (IC 4)

Software Engineer II (IC 3)

Software Engineer I (IC 2)

Deployments Engineer (IC 1)

New York, NY

November 2022 – present

April 2021 – November 2022

April 2020 – April 2021

October 2019 – April 2020

October 2018 – October 2019

PALANTIR TECHNOLOGIES

Forward Deployed Engineer

- Designed and deployed 6TB Elasticsearch data integration, with automated updates. Used Java, SQL and Bash.
- Developed Detector/Transformers to identify data format, then parse and integrate it. Coded in Groovy and Java.

New York, NY

July 2017 – July 2018

HARVARD SCHOOL OF ENGINEERING AND APPLIED SCIENCES

Research Experience for Undergraduates (REU) Researcher

- Researched loss of utility of a dataset when anonymized via differential privacy. Analysis done with Python.
- Updated Professor Latanya Sweeney's "theDataMap" project documenting flows of personal data

Cambridge, MA

June – August 2016

FEDERAL TRADE COMMISSION

Fellow in Technology and Data Governance

- Inspected security practices of 110 iOS and Android apps. Presented findings to FTC technology panel.
- Investigated online price discrimination and privacy vulnerabilities in a social networking site's public API
- Collaborated with CTO Latanya Sweeney to define direction of FTC's future tech research

Washington, D.C.

June – August 2014

Other Experience

CYBER CRIMES CENTER, HOMELAND SECURITY INVESTIGATIONS

October 2016 – May 2017

- Presented research on re-identification using geolocation metadata in darknet markets
- Collaborated with special agents to conduct additional analysis of dataset

Publications

MEDIUM

<https://medium.com/@roselisker/d088a9c80240>

"Illuminating the Dark Web: searching for geotags in darknet markets"

September 2016

Study on geolocation metadata prevalence in darknet markets, conducted on 1.6TB archive. Covered by international media including *The Washington Post* and *The Sunday Times*. Featured by Medium and viewed over 25,000 times.

TECHNOLOGY SCIENCE

<http://jots.pub/a/2015103001>

"Who Knows What About Me? A Survey of Behind the Scenes

October 2015

Personal Data Sharing to Third Parties by Mobile Apps"

Mobile app survey on sensitive data handling and sharing to third-party domains; based on FTC research

Other Skills & Interests

Language: English (native proficiency), Spanish (native proficiency)

Interests: Music (guitar, piano, and recording), Politics and Policy, Hiking, Cycling, Photography