

Brooklyn, NY 11231

Paul Lisker
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Education

HARVARD UNIVERSITY

AB in Computer Science

Cambridge, MA

May 2017

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

Tech Skills

Programming: Java, Python, MySQL

Experience

MARK43

Senior Software Engineer

Software Engineer II

Software Engineer I

Deployments Engineer

New York, NY

April 2021 – present

April 2020 – April 2021

October 2019 – April 2020

October 2018 – October 2019

PALANTIR TECHNOLOGIES

Forward Deployed Engineer

New York, NY

July 2017 – July 2018

- 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.

HARVARD SCHOOL OF ENGINEERING AND APPLIED SCIENCES

Research Experience for Undergraduates (REU) Researcher

Cambridge, MA

June – August 2016

- 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

FEDERAL TRADE COMMISSION

Fellow in Technology and Data Governance

Washington, D.C.

June – August 2014

- 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

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