Paul Lisker

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Education

HARVARD UNIVERSITY   Cambridge, MA
AB in Computer Science   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: Python, C, Scala, OCaml, Bash, HTML, JavaScript
Operating Systems: Windows, Macintosh, Android, iOS

Experience

PALANTIR TECHNOLOGIES   New York, NY
Forward Deployed Engineer   July 2017 – present

HARVARD SCHOOL OF ENGINEERING AND APPLIED SCIENCES   Cambridge, MA
Research Experience for Undergraduates (REU) Researcher   June – August 2016
- Researched loss of utility of a dataset when anonymized using differential privacy. Analysis of dataset and statistical tests conducted with Python.
- Updated Professor Latanya Sweeney's theDataMap project documenting flows of personal data

TRUSTLAYERS   Cambridge, MA
Software Engineer and Policy Consultant   September 2014 – April 2015
- Created new API for core data-use protection product in Scala language
- Coordinated new functionality with front-end engineer for API compatibility
- Developed patent application and developed full documentation for new programming language
- Aided CEO in market research to determine growth potential, and worked in tandem with the marketing team to update website and respond to web analytics

FEDERAL TRADE COMMISSION   Cambridge, MA
Fellow in Technology and Data Governance   June – August 2014
- Inspected security practices for 110 iOS and Android apps with man-in-the-middle software
- Investigated online price discrimination and privacy vulnerabilities in a social networking site's API
- Worked directly with CTO Latanya Sweeney to define direction of FTC's tech research
- Contributed to research presented at the FTC's Big Data conference. Presented to FTC technology panel.

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. 1.6TB archive analyzed using Python. Covered by international media including *The Washington Post* and *The Sunday Times*. Featured by Medium and viewed >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

Skills & Interests

Language: Native fluency in Spanish
Interests: Music (guitar, piano, and recording), Politics, Hiking, Photography, Soccer