

FULL STACK ENGINEER · DATA ANALYST

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Summary_

Peter is an accomplished and proven full stack platform developer, public speaker, and strategist. Contract consulting during his early teens, he moved on to build the first social-media-sourced polling platform, Twelect, which he transformed into Sibyl Vision, a predict-anything public opinion analysis firm. He regularly spoke on Sibyl's research at universities and on national television.

As an engineer, his specialty is developing full-stack, real-time data abstraction platforms for a variety of industries, intent on exposing actionable business intelligence and consumer insight. His preferred stack is Node.js in the front, Postgres/MySQL in the back and a Java data workhorse underneath, alongside iOS and web frontends. He is passionate and professionally literate with regards to information security and related evolving policy.

Skills_

Backend Node.js (ES6, Express), Java, MySQL, Redis, Nginx, General DevOps, AWS

Frontend Objective-C, HTML5, LESS, SASS

Conceptual API Design, Scalability, Application Hardening, Data Analysis, Software Sales

Work Experience _____

Sibyl Vision New York, NY

 FOUNDER & PRESIDENT
 2012 - 2017

- · Architected, implemented, and ran a quantitative public opinion monitoring platform and brand consultancy
- Used global internet conversation and demographic data married with language-agnostic NLP algorithms to predict consumer behavior
- Built and maintained data-processing infrastructure capable of constantly analyzing a significant percentage of global social conversation, predicting implications of news worthy events in real time
- Developed data analysis frontends for clients intent on maximizing impactful insight into ever-shifting political opinion, ad-spend ROI, and financial instrument pricing
- Managed sales and relationships with media companies, big brands, and celebrities including HBO, Fox News, Beyoncé, and Mondelez International
- · Bootstrapped and managed Sibyl Vision's finances from conception to a seven-figure valuation and twelve-person team

Journal of Law & Cyber Warfare

New York, NY

TECHNOLOGY EDITOR Jan. 2017 - PRESENT

- · Process submitted research and editorials, fact check and edit works
- Represent the Journal at security and cyberlaw conferences
- · Manage Journal's physical distribution to high-profile subscribers, including intelligence and defense agencies, CISOs, and judicial officials
- Assist in management of the Journal's annual symposium, speaker booking, and attendance

Assistant to Special Master

New York, NY

FEDERAL DISTRICT COURT, SOUTHERN DISTRICT OF NEW YORK

Jan. 2017 - Mar. 2017

- Assisted the court-appointed special master in a high-profile code plagiarism suit
- Performed forensic analysis of machine images, source code, repositories, databases, production environments, and developer communications
- Resolved complex disputes between the parties surrounding modifications of a shared codebase
- Prepared briefs for the special master and the Court regarding the outcome of my analysis

Fox Business New York, NY

COMMENTATOR, VARNEY & CO.

Jun. 2012 - Jun. 2013

- · Appeared weekly on prime time morning coverage to present and discuss fluctuations in Sibyl Vision's opinion monitoring in light of the day's news
- Featured on specials including Election Night 2012 to demonstrate Sibyl Vision's live modeling of public opinion, exit poll, and demographic data, in conjunction with our continually evolving election outcome predictions

UCB Pharmaceuticals

New York, NY

Project Manager Jul. 2011 - Apr. 2012

Developed the technological implementation of UCB's transition from analog to digital (iOS) pharmaceutical sales marketing management, including the doctor-company communications manager and in-field sales CRM



University of California, Los Angeles

Los Angeles, CA

B.A., COMPUTER SCIENCE & LINGUISTICS

On Hold, In Progress

Presentations

Cardozo Law School, Yeshiva University

New York, NY

DATA GOVERNANCE AND THE LAW

Feb. 2016

 Lectured to a data governance class on the bulk accessibility of social media postings and the consequences of commercial exploitation of user data

NYU Stern School of Business

New York, NY

DIGITAL MARKETING AND SOCIAL MEDIA STRATEGY

Oct. 2014

• Presented a series of Sibyl Vision's branding-related case studies to graduate school digital marketing class showcasing macro social media analysis and its already-potent impact on marketing related decision making

Aaronson Department of Marketing & International Business, Baruch College

New York, NY

MARKETING COMMUNICATIONS STRATEGY

Mar. 2013

· Discussed the usage of applied sentiment analysis techniques to inform marketing decisions, with a focus on messaging and demographic targeting