

BENJAMIN SWEETZY

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Institute of Museum and Library Services

February 2017 – July 2019

Chief Information Officer, Director of Digital & Information Strategy*

- Led research, digital services, and information technology for this \$300M/year government agency.
- Reduced IT contracting budget by 35%, staffing budget by ~40%.
- Managed a department of 11 staff, ranging from IT engineers to Ph.D. social science researchers dedicated to data, research, and technology opportunities.
- Established the *IMLS Digital Services* team and launched a portfolio of new data products and services focused on improving internal and external stakeholders' use of museum and library data.
- Established, monitored, and reported on key business metrics across portfolio, including schedule variance, budget, net promoter score, throughput, and risks.
- Developed and managed initiatives that delivered substantial cost reductions, praise from key customer stakeholders, and greater alignment with NIST information security controls, such as:
 - Introduced agile development practices to IMLS; developed and led internal courses on user research, validated learning, iterative sprint-based development to "train-up" project manager and related staff.
 - Launched *Library Search & Compare*, a web application providing data tools to use IMLS statistical data to enable public library administrators to address critical needs in their resources and operations.
 - Developed internal data product portfolio including CRM dashboard for grant workflow, geospatial business intelligence reports, key metrics for customer development for each product line, and automation of customer-facing business processes.
 - Established first *IMLS Enterprise Data Inventory* describing all internal and customer-facing data assets, including metadata for each describing data governance, privacy/PII, and status of iterative reviews of the data assets. This inventory became the linchpin for new IMLS processes to guarantee the security, accessibility, user experience, and privacy of all enterprise data assets.
 - Defined role and recruited Deputy CIO & Chief Information Security Officer positions.

Incapsulate, LLC

August 2015 – January 2017

Senior Consultant (Data Strategy & Enterprise IT)

- Led research team for *2016 State of Federal IT* report commissioned by the U.S. Federal CIO Council to support training of newly-hired CIOs to U.S. federal government agencies;
- Developed data strategy for *Chief Performance Officer* of the District of Columbia; included city-wide performance metrics, web-based dashboards, & accountability reviews of Deputy Mayors.

White House Office of Management and Budget

May 2012 – August 2015

Data Strategy Lead & Program Manager for U.S. Chief Information Officer

- Recognized in [praise from U.S. Congress](#) and by industry leaders as [one of the Federal 100](#) most influential leaders in federal digital strategy and IT management for leading the government-wide implementation of new legislation: the Federal Information Technology and Acquisition Act of 2015 (FITARA).
- Led OMB data strategy for government-wide IT management and reform: development of multi-disciplinary performance metrics and the layers of ETL, database design, queries, and reports linking HR, IT, and financial management data from multiple sources and agencies. Provided prototyping and data model support for visualizing results in Tableau and publishing to Tableau Server.
- Product manager of the *Federal IT Dashboard* (ITdashboard.gov), the cornerstone web application of OMB's oversight of the 7,000+ IT programs across the federal government; summarizes and visualizes cost variance, schedule variance, milestones, budget, and objectives of IT investments at 24 major federal agencies. Managed all budgeting, contracting, development sprints, marketing, and user experience research.
- Designed analytical studies of IT management resources, including cost-benefit analysis, dashboards of KPIs, and position papers supporting strategies leading to over \$2 billion of cost savings.

* "Deputy Director (Digital and Information Strategy)" at IMLS, reported to Director of agency

SRA International - White House Office of Management and Budget
Senior Consultant (2011 – 2012) & Consultant (2009 – 2011)

February 2009 – May 2012

- Developed ETL pipeline in SQL, stored procedures, Python Pandas and Plotly libraries in order to perform rigorous data standardization, analytics, reporting, and quality assurance on qualitative and quantitative data; developed automated reports to identify business anomalies for management focus.
- Researched and drafted quantitative analysis for multiple annual editions of the *Budget of the United States*.

Blue State Digital
Strategy Fellow

October 2008 – November 2008

- Used proprietary web tools, social networking, and online community analysis tools to engage target voters.

National Security Agency
Intelligence Analyst

August 2003 – August 2008

- Awarded the *NSA Stokes Scholarship* for full college tuition, summer internships, and post-grad employment.
- Integrated blogs, wikis, and social bookmarking platforms into NSA reporting, enhancing interagency transparency, communication and collaboration. Drafted plan to transform reporting process to leverage new platforms such as Intellipedia, social bookmarking, and internal blogs. Award-winning pioneer and recognized expert in innovative interagency collaboration.
- Authored hundreds of intelligence assessment reports; some appeared in President's Daily Brief (PDB) and others received feedback from staff of following U.S. senior policymakers: Vice President of the U.S.; Secretary of State; National Security Council.
- Data analysis products and visualizations praised by U.S. Army training staff for clarity of communication, adopted as model examples for training soldiers deploying to Iraq. Used to assist capture of multiple terrorism suspects in Iraq.

DC Data Community – Data Science DC
Board Member & Co-Organizer

March 2012 – February 2017

- Connects and promotes the work of data professionals in the Washington, DC area. Over 6,000 data scientists, analysts, economists, programmers, researchers, and statisticians, regardless of industry, sector, or technology. ([Link](#))

TOOLS & SOFTWARE

- R, Python, SQL, Tableau Desktop & Server, Google Analytics, MS Access, Excel
- Adobe Photoshop, Illustrator, InDesign
- Python libraries: Pandas, Matplotlib, Plotly, BeautifulSoup

AWARDS

- **2016 Federal 100 Award** ([Link](#)), *Federal Computing Weekly*
- White House Office of Management and Budget Outstanding Performance Award (2016) & Cross-Functional Team Award (2015)

EDUCATION

- University of North Carolina at Chapel Hill (May 2007)
B.A. in Public Policy Analysis, International Security, and Minor in Business Administration
- National Cryptologic School (2003 - 2008)
Intelligence Analysis Development Program