

Matthew Burton

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SUMMARY

Throughout my career, I have sought opportunities to use technology for the benefit of society. I recently completed a stint in the federal government where I led a 200+ person team of engineers, designers, security experts, and project managers, where we built widely acclaimed web products for the American public. While interested in such a role at another organization—large or small, public sector or private—I also want to use my technical skills on a more frequent basis.

EXPERIENCE

Consumer Financial Protection Bureau — December 2010-Present

Multiple technology leadership positions, including Acting CIO, Deputy CIO, and Software Development Lead: Lead 100+ government staff and 90+ contractors in execution of CFPB's day-to-day IT operations and long-term technology vision. Have guided the technology team through periods of immense demand and enormous statutory responsibilities, including the nationwide deployment of bank examiners to tens of thousands of financial institutions. The Bureau's technical needs have ranged from personal devices through cloud-based bank exam tools to an aggressive consumer-facing web presence, lauded as among the best web sites in the government space.

- Oversaw the expansion of the federal government's [premier in-house design team](#) from 2 staff members to over 30. Team is integrated into Bureau's brand management and regulatory agenda.
- Responded to internal demand for design & development services with a [recruitment program](#) that attracted 30 new staff members skilled in predictive modeling, user experience, and other critical skills.
- Personally authored the US Government's first [source code policy](#) to require the default public release of government source code.
- Personally managed migration of 1800-user enterprise away from Department of Treasury to bureau's own infrastructure and services. Includes WAN and LAN; technical support and device management; cybersecurity; and email, remote access, Active Directory, and Blackberry services.

Software and Web Strategy Consulting — 2005-2010

Technology advisor, Attorney General-Elect Eric Schneiderman Transition Committee: Conducted research on office's existing IT infrastructure, assets, and personnel, and made recommendations to Attorney General-Elect on how to reform it into a 21st Century organization. Managed technical infrastructure in support of all transition efforts.

US Intelligence Community: Advised various IC offices on a recurring basis on how the Web can improve information sharing and analytic integrity. Offices included:

- **Intelligence Science Board**, regarding recruitment and retention of the digital generation
- **ODNI Office of Analytic Transformation**, regarding the [meaning and value of open source intelligence](#)
- **CIA/DS&T** and the **Kent School**, on the use of web-based software for improving analytic rigor and cross-agency collaboration
- **Department of Energy's Intelligence Directorate/Global Futures Forum**, on the use of web-based tools to engage the greater global security community and the impact of technology on global security.

Defense Intelligence Agency: Intelligence Analyst, Russian telecommunications networks and information warfare — 2003-2005

- Youngest honoree of Director of Central Intelligence's inaugural Galileo Awards, which solicited ideas for shaping the future of US intelligence. Proposed changes to the IC's intranet culture in order to ease information glut and increase cross-agency collaboration. Proposals were later adopted by Director of National Intelligence.
- First beta tester of IC's new blogging platform. Promoted benefits of blogging to office chief and received permission to create and manage blog for intraoffice communication, the first of its kind in the IC.

TECHNOLOGY SKILLS

My recent work experience has been in an executive role rather than a hands-on role. Either through direct experience or through leading staff, I am conversant in the following: PHP; Python; Django; JavaScript; SQL; Git; Apache; AWS; SSL/PKI; Jenkins; MediaWiki; WordPress.

EDUCATION

New York University: MPS, Interactive Telecommunications, May 2007

Work focused on Web-based collaboration. Projects included:

- MediaWiki-based encyclopedia of Congressional legislation in plain English
- Collaborative Web-based news production for citizen journalists (concept)
- RFID- and mobile phone-based urban navigation for the blind

Duke University: BA, Public Policy Studies, May 2002

- Focus on international policy. Substantial coursework and research on:
 - Russian Internet infrastructure
 - Corruption in Russian society and politics
 - International community and the reconstruction of media infrastructure in post-war Bosnia

PUBLICATIONS, PRESS, AND SPEAKING ENGAGEMENTS

- PUBLICATION: "[Lessons learned from my time at the CFPB: Confronting the practical barriers to better government web products.](#)" January 10, 2014.
- PRESS: "[CIA Software Developer Goes Open Source, Instead.](#)" *Wired*, August 4, 2010.
- PUBLICATION: "[A Peace Corps for Programmers.](#)" opening chapter of *Open Government*. O'Reilly Media, 2010.
- PRESENTATION: "A-Space & the Intelligence Community's Collaboration Strategy," Executive Session on Cross-Boundary Leadership, Harvard Kennedy School of Government, February 10, 2009
- PUBLICATION: "[An Information Age Strategy for Government Information Technology.](#)" in M. Tanji, (Ed), *Threats in the Age of Obama*, P. 155-161. Ann Arbor: Nimble Books, 2009.
- PRESENTATION: Panelist at Director of National Intelligence's Open Source Conference: "Young Analysts Talk about the Value of Open Source," September 11, 2008. [Related essay: The Value of Open Source Information: Two Military Intelligence Coups By the Web](#)
- PRESENTATION: "Wikipedia: How to Use It, How to Contribute to It, and Why You Shouldn't be Afraid of It." OneWebDay, September 22, 2007.
- PRESS: "[Open-Source Spying](#)", *New York Times Magazine*, December 3, 2006.
- PRESENTATION: Panelist at Intelligence Science Board's quarterly meeting, September 2005: "Effecting Change in the Intelligence Community." Spoke to board members on how to recruit young technical talent.
- PUBLICATION: "[Connecting the Virtual Dots](#)", *Studies in Intelligence*, Central Intelligence Agency, Fall 2005.
- PRESENTATION: "Connecting the Virtual Dots", presentation to Deputy Directors of Central Intelligence, April 2005.