

# Joseph Castle

Washington, DC

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## ONLINE RESOURCES

Online Bio - [LinkedIn](#), [@jrcastle](#)

Tech Development – [GitHub](#), [@jcastle](#)

## EXPERIENCE

**U.S. General Services Administration**, Washington, DC

*Product Owner & Front-End Engineer, Code.gov*

OCTOBER 2017 - PRESENT

- Lead team in creating and maintaining [Code.gov technical platform](#) - [front-end website](#), [API](#), and DevOps environment via cloud infrastructure. Includes product direction and “hands-on” development.
- Implement the White House Federal Source Code Policy (FSCP) ([M-16-21](#)), including agencies’ creation of their source code policy, acquisition language, and source code inventories with open sourcing a portion of code. Coauthored rewrite of open source portion of FSCP.
- Cultivate government, industry, nonprofit, and academic community of practice around open source code and grew agency code bases from 500 to over 6000 with 88% being open source.

*Director of GSA Digital Service*

AUGUST 2014 - SEPTEMBER 2017

- Created new division by recruiting and hiring talented IT designers and developers; facilitated effective and innovative team work; managed \$750,000 annual budget.
- Led Agile [projects](#) resulting in efficient delivery of software applications for GSA IT; conducted “hands-on” front-end application development (HTML, CSS, JS) and deployment (Cloud.gov on AWS).
- Created agency [open data](#), [API](#), and [open source code](#) policies; implemented organizational strategies resulting in meeting 95% of agency and government digital strategy goals.

**Executive Office of the President**, The White House

*IT Policy Analyst*

AUGUST 2013 - AUGUST 2014

- Coauthored the Open Data Policy ([M-13-13](#)) Implementation Guidance; managed CFO Act agency education and compliance with Presidential Open Data initiative resulting in 90% compliance by

participating agencies.

- Coauthored Presidential reports and briefings including agency IT audits (PortfolioStat), State of The Union [speech](#), Executive Orders, policy memos, and the [President's Budget](#).
- Contributed to the development of the [U.S. Digital Services Playbook](#), the White House's approach to conducting digital development in federal agencies.
- Led IT program reviews and audits of the Department of Defense, Department of Education, Small Business Administration, National Science Foundation, and the Army Corps of Engineers.

### **Various Roles in Government and Industry**

- *IT Project/Program Manager at U.S. General Services Administration* - Managed technical teams building acquisition content management solutions, procurement systems, and the federal government's largest e-commerce platform (GSA Advantage!).
- *IT Project Manager at Operational Technologies Services, LLC* - Managed a contract team building training software for the Federal Aviation Administration. Utilized Microsoft development tools on three projects totaling \$3M annually.
- *Canon Crew Member, U.S. Army 10th Mountain Division* - Enlisted in field artillery for 3.5 years. Deployed to Haiti for [Operation Uphold Democracy](#).

### **EDUCATION**

**Virginia Polytechnic Institute and State University**, Blacksburg, VA

*PhD, Public Administration and Public Affairs* - 2020

Dissertation: [An Organizational Analysis of Publishing the People's Code](#).

**The George Washington University**, Washington, DC.

*MS, Management Information Systems* – 2002

**Mount Saint Mary's University**, Emmitsburg, MD

*BS, Business Administration* – 1999

*MBA, Marketing* – 2002

### **AWARDS**

*Fed100 2019* - Presented to 100 industry and government individuals transforming government IT.

*Code.gov* - 1105 Media, BIG, and ACT-IAC Innovation awards.

*U.S. Army* - Army Commendation, Armed Forces Expeditionary, and Humanitarian Service Medals.