Joseph Castle

Inquisitive about the product and process of open source software.

Washington, DC
josephrcastle@gmail.com

EXPERIENCE

U.S. General Services Administration, Washington, DC
Director of Code.gov

OCTOBER 2017 - PRESENT

- Lead federal and contract team in creating and maintaining Code.gov technical platform - front-end website, API, and DevOps environment via cloud infrastructure.
- 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. Coauthoring 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 5000 with 85% being open source.
- Recognized as expert of federal open source software as reflected by numerous speaking engagements and awards. (Note: See Online Resources and Awards on the right.)

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.
- Organized Hackathons that produced 10x returns of investment.

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 100% 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.

ONLINE RESOURCES

Online Bio
https://www.linkedin.com/in/jrcastle/

Tech Development
https://github.com/jcastle

Dissertation
https://github.com/jcastle/dissertation_publishingOSS

Research
https://medium.com/@josephrcastle
(digital HKS* Research Agenda coming soon!)

*Invited by digital HKS (Harvard Kennedy School) to be a part-time, virtual Visiting Research Fellow for 2019/2020 academic year. Research focuses on open source software in government organizations.

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.

- 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.
- **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
Ph.D., Public Administration and Policy

Dissertation defense planned for December 2019. Dissertation titled, *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
MBA, Marketing - 2002

Mount Saint Mary's University, Emmitsburg, MD
BS, Business Administration - 1999

PERSONAL INTERESTS

Endurance sport junkie, crave "[good](#)" coffee, and love music.