Joseph Castle

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Summary

Passionate public servant, technology enthusiast, strategic thinker, pragmatic leader

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Education

- Virginia Polytechnic Institute and State University, Blacksburg, VA - PhD Candidate, Public Administration and Policy, Current
    - 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 (MIS), 2002
- Mount Saint Mary's University, Emmitsburg, MD - MBA, Marketing, 2002
- Mount Saint Mary's University, Emmitsburg, MD - BS in Business Administration, 1999

Media & Speaking   https://www.linkedin.com/in/jrcastle/

Tech Development   https://github.com/jcastle

Experience

Director, Code.gov
Office of Products and Platforms
Technology Transformation Service
U.S. General Services Administration, Washington, DC
October 2017 - Present

Lead federal and contract team in creating and maintaining Code.gov technical platform -front-end website, API, and devops environment with cloud infrastructure. Support governmentwide implementation of OMB's Federal Source Code Policy (FSCP), including agency creation of source code policy, acquisition language, and source code inventories with open sourcing a portion of code. Contribute to community of practice to open source code.

- Grew agency code bases from 500 to over 5000 with 85% being open source software (OSS)
- Created awareness of the FSCP and code.gov, recognized as expert of federal open source software and received numerous awards - nominated for 2019 Fed100

Director, GSA Digital Service
Office of the Chief Technology Officer (CTO), GSA IT
U.S. General Services Administration, Washington, DC
August 2014 - October 2017

Led GSA's Digital Service team, a small group of elite designers and developers modernizing GSA IT. Further, led GSA IT's response to the federal government's digital strategy regarding open data, APIs, and open source code. Collaborated with White House offices, Executive Branch departments, and industry partners on digital technologies.

- 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 with Kanban and Scrum approaches resulting in more efficient delivery of software applications for GSA IT; conducted "hands-on" application development and deployment
- Created open data, API, and open source code strategies; implemented organizational strategies resulting in meeting 95% of agency and government digital strategy goals
- Developed consumer engagement approaches for digital strategy initiatives leading to new websites and Hackathons; organized Hackathons that produced returns of 10x initial investment; conducted Open Data, API, and Open Source Software (OSS) development with positive financial returns
- Reported to executive(s) (SES level); served as Acting CTO when permanent CTO was unavailable

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Professorial Lecturer,
The George Washington University,
Washington, DC
September 2002 - December 2015

Taught e-government and information systems to graduate and undergraduate students in theInformation Systems Technology Management Department of the School of Business.

IT Policy Analyst,
Office of the U.S. Chief Information Officer (USCIO),
Office of Management and Budget (OMB)
Executive Office of the President, The White House
Washington, DC
August 2013 - August 2014

Portfolio manager for Department of Defense, Department of Education, Small Business Administration, National Science Foundation, and the Army Corps of Engineers. Led Open Data Policy implementation. Contributed to executive and Presidential reports and briefings.

- Analyzed agency IT budget and project performance; led PortfolioStat auditing briefs with OMB and agency leadership (SES level) resulting in IT project cost savings of approximately 10%
- Co-authored the Open Data Policy Implementation Guidance; managed CFO Act agency education and compliance with Presidential Open Data initiative resulting in 100% compliance by participating agencies
- Contributed to the development of the U.S. Digital Services Playbook
- the White House's approach to conducting digital development in agencies focusing on end-user design and modular software development with Agile, which led to digital teams' establishment and modernization approach of government applications and services

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IT Program Manager, IT Acquisition Solutions,
Office of the Chief Information Officer (CIO),
U.S. General Services Administration, Washington, DC
May 2004 - August 2013

Program Manager (2009-2013) - Managed GSA Federal Acquisition Service's (FAS) Enterprise Content Management Solution (ECMS), a nine million dollar annual enterprise-wide program. System developed with EMC Documentum, Java, and Oracle. Supervised four

government employees and thirty contractors; responsibility included personnel decisions including hiring, performance evaluation, and training.

IT Project Manager (2004-2009) - Led e-commerce platform requirements elicitation and development for GSA Advantage! and eBuy. Both applications built with Java and Oracle.

IT Project Manager,
Operational Technologies Services, Washington, DC
August 2001 - May 2004

Managed three multi-million dollar contracts, totaling $3M annually, by developing web-based applications in support of the Federal Aviation Administration Airway Facilities Training Division (AFZ-100). Utilized Microsoft development technologies (Active Server Pages, SQL Server, MS Access, Visio), front-end web technologies (HTML, CSS, and JavaScript), and Oracle.

Senior Business Analyst/Team Lead,
Castle & Castle, LLC,
Frederick, MD
January 1997 - August 2001

Served as the team leader with responsibilities for customer relationship management (CRM) in a medium-sized real estate company. This included managing multiple clients and business partners, managing operational budget, developing marketing campaigns, and implementing information technology.

Cannon Crew Member, 10th Mountain Division (LI),
U.S. Army, Fort Drum, NY
December 1993 - January 1997

Set-up, initialized, and ran diagnostics for automated systems to operate accurately 155mm Howitzers in coordination with computerized Fire Direction Center. Served as a key member of a security detachment in Operation Uphold Democracy in Haiti (October 1994 to January 1995). Awarded the U.S. Army Commendation, U.S. Armed Forces Expeditionary, and Humanitarian Service Medals.