

Keegan D. McBride

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EDUCATION

PhD in Public Administration

Sep 2017 – Jun 2019

Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)

PhD Working Title: “Government as a Platform: Open Government Data, Data Analytics, Machine Learning, and Transformation of Government and Society”

Main Research Interests: Open Data, Machine Learning, Data Analytics in Government

MSc E-Governance Technologies and Services

Sep 2015 – Jun 2017

Cum Laude

Tallinn University of Technology, Department of Software Science (Tallinn, Estonia)

Thesis Title: “Government as a Platform: Exploiting Open Government Data to Drive Public Service Co-Creation”

GPA: 4.7 (5.0 Scale)

BA Political Science and International Relations

Sep 2011 – Dec 2014

Magna Cum Laude

Montana State University, Department of Political Science (Bozeman, Montana, United States)

University of Tartu, Baltic Sea Region Studies – For Fall 2013 (Tartu, Estonia)

Major GPA: 3.87 (4.0 Scale)

International Education

KU Leuven,, Public Governance Institute (Leuven, Belgium)

March 2018

University of Tartu, Baltic Sea Region Studies (Tartu, Estonia)

Fall 2013

RESEARCH AND WORK EXPERIENCE

Manager

Dec 2018 - Present

DigiGovLab, Tallinn University of Technology (Tallinn, Estonia)

- Responsible for managing the DigiGovLab at TalTech
- Dealt with marketing, social media, and events
- Maintained research group website

Chief Technical Lead

Jan 2018 – Present

Estonian Open Data Portal (Tallinn, Estonia)

- Maintained legacy Open Government Data Portal
- Custom built new Estonian Open Government Data Portal
- Implemented new technologies and development methodologies to improve Estonian’s OGD ranking
- Jekyll, Ruby, HTML, Python,

Junior Research Fellow

Sep 2017 - Present

Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)

- Conduct research on e-Government, Open Government Data, and Machine Learning in Government
- Writing and presentation of papers at international conferences
- Assist with writing Horizon2020 funding proposals
- Teaching courses on data and data analytics in government
- Manage the design and implementation of Estonian pilots within the OpenGovIntelligence project

Project Assistant

Sep 2016 – Aug 2017

Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)

- Assisted with Horizon2020 funding proposals
- Assisted with writing deliverables for Horizon2020 projects
- Helped design and implement workshops and stakeholder meetings for the Horizon2020 OpenGovIntelligence Estonian pilot

Integration Engineer

Feb 2016 – Jan 2017

Monese

(Tallinn, Estonia)

- Integrated partner systems into Monese backend
- Java backend development
- Assisted with collection and management of data
- Initiated different data analytics models into the backend
- Worked with detection of fraudulent payments and identities Writing of SQL queries
- In charge of developing tools to increase other departments' efficiency and modernize processes

Research Assistant

Feb 2014 – Dec 2014

Montana State University – Department of Earth Sciences

(Bozeman, Montana, United States)

- Designed, executed, transcribed, and analyzed interviews with community leaders and members
- Conducted research for Dr. J.H. Haggerty on coal royalty payments, the effect of energy development in rural areas, water rights, and sociology of energy development in rural areas
- Assisted with research and writing of white papers regarding coal royalty payments and socioeconomic impact assessments.

Research Assistant

Apr 2014 – Dec 2014

Montana State University – Extension Office and Department of Political Sciences

(Bozeman, Montana, United States)

- Conducted research on issues relating to community development in rural areas
- Created content and distributed the Montana Association of Community Development Extension Professionals newsletter
- Taught officials in rural communities how to build webpages to allow for increased resident access to town governments
- Assisted in the design and implementation of online and other outreach projects

RESEARCH PROJECTS

Funded

- **Faroe Islands Digitalization Study (PhD School Grant) (Grant Writer and Primary Researcher)** 2018
This was a thirty day funded research trip to the Faroe Islands to study their current digitalization effort. The trip included over 20 interviews, direct involvement with the digitalization teams, participation in meetings, and consultation on Open Government Data initiatives. The project was funded by: ASTRA "TTÜ arenguprogramm aastateks 2016-2022" Doctoral School in Economics and Innovation Project code: 2014-2020.4.01.16-0032
- **Estonian Digital Governance Stakeholder Mapping (Internal University) (Grant Writer)** 2018
The stakeholder analysis will identify, analyse, map, and prioritize the active stakeholders in Estonian e-Government. In addition to understanding the stakeholders involved in Estonian e-Governance, this project aims to create a more complete picture of Estonian e-Governance: how it was initiated, how it developed, where it is today, and where it will be in the future.
- **OpenGovIntelligence (H2020) (Participant)** 2016-2019
The OpenGovIntelligence project aims at stimulating sustainable economic growth in Europe through fostering innovation in society and enterprises. Towards this end, OpenGovIntelligence suggests a holistic approach for the modernization of Public Administration (PA) by exploiting Linked Open Statistical Data (LOSD) technologies. This includes new business processes, policies, and tools that will enable the active participation of the society and enterprises in data sharing and in the co-production of innovative data-driven public services.

Submitted

- **PAGANINI (H2020)**
- **MIIDA (H2020)**
- **iNVTe (H2020)**

DEVELOPMENT PROJECTS

- Data Dashboard for Estonian Statistics Board and Social Affairs Ministry, code available at: <https://github.com/keeganmcbride/statsametpilot>
- Estonian Open Government Data Portal, code available at: <https://github.com/okestonia/jkan>

TEACHING EXPERIENCE

- **TechEstonia Lab 6 ECTS** Fall 2017
Lecturer
Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)
- **Introduction to e-Democracy 3 ECTS** Fall 2016
Teaching Assistant
Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)
- **Text and Critics 8 ECTS** Spring 2014
Student Fellow
Montana State University Honor's College

SUPERVISION

- Simon de Jong, Master's Degree, 2018, (sup) Robert Krimmer; **Keegan David Braun McBride**, The transferability of morality in design: re-embedding Estonia's digital identity network in Kyrgyzstan, Tallinn University of Technology School of Business and Governance, Ragnar Nurkse Department of Innovation and Governance.

PUBLICATIONS

- Aavik, G.; Mayer, A.; **Mcbride, K.**; Krimmer, R. (2019). Is Government Welfare Able to Change? Analysing Efforts to Co-create an Improved Social Welfare System through Taking Advantage of a Collaborative Economy. Proceedings of the 51st Hawaii International Conference on System Sciences: 52nd Hawaii International Conference on System Sciences (HICSS), 8-11 January, 2019. IEEE Computer Society Press, (Forthcoming).
- **McBride, K.**; Toots, M.; Kalvet, T.; Krimmer, R. (2018). Turning Open Government Data into Public Value: Testing the COPS Framework for the Co-Creation of OGD-Driven Public Services. In: M. P. Rodriguez Bolivar, K. J. Bwalya, C. Reddick (Ed.). Governance Models for Creating Public Values in Open Data Initiatives. Springer. (Public Administration and Information Technology) (Forthcoming).
- **McBride, K.**, Aavik, G., Toots, M., Kalvet, T., & Krimmer, R. (2018). How does open government data driven co-creation occur? Six factors and a 'perfect storm'; insights from Chicago's food inspection forecasting model. *Government Information Quarterly*.
- **McBride, K.**, Toots, M., Kalvet, T., Krimmer, R. (2018). LEADER IN E-GOVERNMENT, LAGGARD IN OPEN DATA: EXPLORING THE CASE OF ESTONIA. *Revue française d'administration publique*, (167), 611-624.
- Mergel, I., Kattel, R., Lember, V., & **McBride, K.** (2018, May). Citizen-oriented digital transformation in the public sector. In *Proceedings of the 19th Annual International Conference on Digital Government Research: Governance in the Data Age* (p. 122). ACM,
- **McBride, K.**, Matheus, R., Toots, M., Kalvet, T., & Krimmer, R. (2018, April). The Role of Linked Open Statistical Data in Public Service Co-Creation. In *Proceedings of the 11th International Conference on Theory and Practice of Electronic Governance* (pp. 679-681). ACM.
- **McBride, K.**; Aavik, G.; Kalvet, T.; Krimmer, R. (2017). Co-creating an Open Government Data Driven Public Service: The Case of Chicago's Food Inspection Forecasting Model. Working Papers in Technology Governance and Economic Dynamics, 76, 1–25.
- **McBride, K.**; Aavik, G.; Krimmer, R.; Kalvet, T. (2018). Co-creating an Open Government Data Driven Public Service: The Case of Chicago's Food Inspection Forecasting Model. In Proceedings of the 51st Hawaii International Conference on System Sciences (HICSS 2018). (2453-2462). Hawaii: IEEE.
- Toots, M.; **McBride, K.**; Kalvet, T.; Krimmer, R. (2017). Open Data as Enabler of Public Service Co-creation: Exploring the Drivers and Barriers. In: Proceedings of the 2017 International Conference for E-Democracy and Open Government (CeDEM 2017) (102–112). Krems, Austria: IEEE Computer Society
- Toots, M.; **McBride, K.**; Kalvet, T.; Krimmer, R. (2017). A Framework for Data-Driven Public Service Co-Production. In: IFIP EGOVEPART 2017 conference proceedings. IFIP EGOVEPART2017 conference, St. Petersburg, Russia, September 2017. (264-275). Springer. (Lecture Notes in Computer Science).
- Hagerthy, J.; **McBride, K.**; (2016). Does local monitoring empower fracking host communities? A case study from the gas fields of Wyoming. *Journal of Rural Studies*, 43 (February), 235–247 10.1016/j.jrurstud.2015.11.005.
- **McBride, K.** (2017). Government as a Platform: Exploiting OGD to Drive Public Service Co-creation. MSc Thesis. 47pp.

CONFERENCES

- **The International Conference for E-Democracy and Open Government (CeDEM), Krems, Austria** 2017
Author
- **IFIP EGOVEPART, St. Petersburg, Russia** 2017
Author
- **Hawaii International Conference on Systems Sciences (HICSS), Waikoloa, Hawaii** 2018
Author
- **International Conference on Electronic Governance (ICEGOV), Galway, Ireland** 2018
Author
- **International Conference on Digital Governance Research (DGO), Delft, Netherlands** 2018
Program Committee, Panel Member
- **IFIP EGOV-CEDEM-EPART, Krems, Austria** 2018
Author
- **Hawaii International Conference on Systems Sciences (HICSS), Hawaii** 2019
Author

INVITED TALKS AND WORKSHOPS

- **Talk on Estonian Open Data – Open Data Day Tallinn, Estonia** 2018
- **Workshop on Open Data Visualization at Creative Impact Conference Tallinn, Estonia** 2018
- **Digital Government Research: State of the Art – Torshavn, Faroe Islands** 2018
- **Estonian Digital Government: A Critical Overview – Ministry of Economic Affairs and Communications** 2018
- **Digital Innovation in Estonian Public Sector and Industry – Mektory, Tallinn, Estonia** 2018
- **Estonian Digital Government and Digital Government Research** 2018

AWARDS

- **Estonian Government Specialty Scholarship** Sep 2017 – June 2021
- **Best Master's Thesis in Information Society Category – TTÜ** June 2017
- **Scholarship of Estonian Government** Sep 2015 – Jun 2017