Keegan D. McBride

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Linkedin: https://www.linkedin.com/in/keeganmcbride

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EDUCATION

PhD in Public Administration   Sep 2017 – June 2020

Tallinn University of Technology, Ragnar Nurkse Department of Innovation and Governance (Tallinn, Estonia)
PhD Working Title: "Open Government Data Co-Created Public Services"
Thesis available at: https://digikogu.taltech.ee/et/Item/e75082ae-9115-48c0-9526-09466e8a6698
Main Research Interests: Open Data, e-Government, Digitalization, Small States,
Complexity, Machine Learning, Data Analytics

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   Aug 2019 – Present
GovAiLab, Tallinn University of Technology (Tallinn, Estonia)

Manager   Dec 2018 – Aug 2019
DigiGovLab, Tallinn University of Technology (Tallinn, Estonia)

Chief Technical Lead   Jan 2018 – Present
Estonian Open Data Portal (Tallinn, Estonia)

Junior Research Fellow   Sep 2017 - Present
Tallinn University of Technology (Tallinn, Estonia)

Project Assistant   Sep 2016 – Aug 2017
Tallinn University of Technology, (Tallinn, Estonia)

Integration Engineer   Feb 2016 – Jan 2017
Monese (Tallinn, Estonia)

Research Assistant   Feb 2014 – Dec 2014
Montana State University – Department of Earth Sciences (Bozeman, Montana, United States)

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.

OTHER ACTIVITIES

- Editorial Board, Social Media Editor, Information Polity: https://informationpolity.com/news-blog/new-socialmedia-editor
- Koroonakaart.ee: Developer of Estonian Coronavirus statistical visualization service, known as www.koroonakaart.ee
- Research Paper for OECD titled: "Hello, World Artificial intelligence and its use in the public sector". Responsible for technological aspects of AI. Paper available here: https://www.oecd-ilibrary.org/governance/hello-world_726fd39d-en
- Data Dashboard for Estonian Statistics Board and Social Affairs Ministry, service available at: https://shiny.stat.ee/tooturg/
- Estonian Open Government Data Portal, code available at: https://github.com/okestonia/opendata.riik.ee

TEACHING EXPERIENCE

- **Open Government Data and Co-Creation** January 2020
  Lecturer
  Tallinn University, Winter School on Digital Society and Innovation
- **EIT Digital Summer School on Urban Mobility** Summer, 2018, 2019
  Lecturer
- **Lectures on e-Government, Open Government Data, and Co-Creation** 2017 - Present
- **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

Completed

- 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.
- Nosakhare Osemwota, Master's Degree 2019, (sup) **Keegan David Braun McBride**, The Impact of ICTs on Nigerian Elections, Tallinn University of Technology School of Business and Governance, Ragnar Nurkse Department of Innovation and Governance

- Nino Chinchaladze, Master's Degree 2019, (sup) **Keegan David Braun McBride**, Understanding the Role of Cyber Crime in Global Affairs, Tallinn University of Technology School of Business and Governance, Ragnar Nurkse Department of Innovation and Governance.
- Polina Medvedieva, Master's Degree 2019, (sup) **Keegan David Braun McBride**, The role of Public Private Partnerships in Estonia's Cyber Security Strategy, Tallinn University of Technology School of Business and Governance, Ragnar Nurkse Department of Innovation and Governance.
- Diana Shysh, Master's Degree 2019, (sup) **Keegan David Braun McBride**, Open Data Ecosystems, Tallinn University of Technology School of Business and Governance, Ragnar Nurkse Department of Innovation and Governance.
- Richard Michael Dreyling III, Master's student, (sup) **Keegan David Braun McBride**, The Feasibility of ICTs Mediated Relations Between Government and Citizens in Minnesota, United States, Tallinn University of Technology School of Information Technologies, Department of Software Science.
- Lizaveta Miasayedava, Master's student, (sup) Jeffrey Andrew Tuhtan; **Keegan David Braun McBride**, Cyber Ecological Methods for the Automated Assessment of Environmental Flows: Estonia as a National Case Study, Tallinn University of Technology School of Information Technologies, Department of Computer Systems.
- Andre Lezan Fernandes, Master's student, (sup) **Keegan David Braun McBride**, Use of public procurement data for fraud and population-specific patterns detection. Challenges and opportunities for its use in the Brazilian Public Administration, Tallinn University of Technology School of Information Technologies, Department of Software Science.

PUBLICATIONS

Under Review:
- **McBride, K;** Draheim, D. (2020) On Complex Adaptive Systems and Electronic Government - A Proposed Theoretical Approach for Electronic Government Studies. The Electronic Journal of e-Government (EJEG)

Accepted:
- **McBride, K;** Toots, M; Kütt, A; Shysh, D. (2020) Systemic Change, Open Data Ecosystem Performance Improvements, and Empirical Insights from Estonia: A Country-Level Action Research Study. Information Polity. (Forthcoming)
- Attique Shah, S; Ben Yahia, Sadok; **McBride, K**; Draheim, D. (2020). Twitter-based Big Data Analytics for Disaster Alerts: TAGS (Twitter Alert Generation System). Intermountain Engineering, Technology and Computing Proceedings, Sep 2020, Utah. IEEE.
- Draheim, D; **McBride, K**; Misnikov, Y; Hartleb, F; Lauk, M; Lemke, F; Nagumo, T; Pappel, I (2020). On the Narratives and Background Narratives of e-Government. Proceedings of the 53rd Hawaii International Conference on System Sciences 2020 (HICSS-53): January 7-10, 2020, Grand Wailea, Maui. AIS Electronic Library (AISeL) , 2114−2122.
- **McBride, K**; Kütt, A; Ben Yahia, S; Draheim, D (2019). On Positive Loops Feedback Loops in Digital Government Architecture. Proceedings of the 11th International Conference on Management of Digital EcoSystems (MEDES'19): November 12-14, 2019, Limassol, Cyprus. New York, NY: ACM, 174−180. 10.1145/3297662.3365817.
- Berryhill, Jamie; Kok Heang, Kévin; Clogher, Rob; **McBride, K** (2019). Hello, World: Artificial intelligence and its use in the public sector. Paris: OECD.10.1787/726fd39d-en.
- **McBride, K**. (2019). Sailing Towards Digitalization when it Doesn't Make Cents? Analysing the Faroe Islands' New Digital Governance Trajectory. Island Studies Journal, 14 (2), 193−214.10.24043/isj.93.
- 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. AIS Electronic Library (AISeL) , 2954−2963.
- **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) p. 3-31.
- **McBride, K.;** Aavik, G.; Toots, M.; Kalvet, T.; Krimmer, R. (2019). 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, 36 (1), 88−97.10.1016/j.giq.2018.11.006.
- **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).
- Hagertty, 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.

CONFERENCES

- **The International Conference for E-Democracy and Open Government (CeDEM), Krems, Austria** 2017
  Author, Reviewer
- **IFIP EGOVEPART, St. Petersburg, Russia** 2017
  Author, Reviewer
- **Hawaii International Conference on Systems Sciences (HICSS), Waikoloa, Hawaii** 2018
  Author, Reviewer
- **International Conference on Electronic Governance (ICEGOV), Galway, Ireland** 2018
  Author, Reviewer
- **International Conference on Digital Governance Research (DGO), Delft, Netherlands** 2018
  Program Committee, Panel Member
- **IFIP EGOV-CEDEM-EPART, Krems, Austria** 2018
  Author, Reviewer
- **Hawaii International Conference on Systems Sciences (HICSS), Hawaii** 2019
  Author, Reviewer
- **11th International Conference on Management of Digital Ecosystems (MEDES), Limassol, Cyprus** 2019
  Author, Reviewer
- **Hawaii International Conference on Systems Sciences (HICSS), Hawaii** 2020
  Author, Reviewer
- **IFIP EGOV-CEDEM-EPART, Linköping, Sweden** 2020
  Program Committee

JOURNAL REVIEWER

- Government Information Quarterly, Information Polity, IEEE Systems, ACM Transactions on Information Technology, Technology in Society

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