

Michael Brodie

Visiting Scholar Harvard University at Consulate General of Canada (CTA Boston)

Cambridge, MA, US

Michael Brodie is an expert in research and industrial practice in data science and databases.

Biography

Dr. Michael L. Brodie has over 45 years of experience in research and industrial practice in data science, databases, distributed systems, integration, artificial intelligence, and multidisciplinary problem solving. Since 2013, he has focused on strategic aspects of data and data science. He is a Visiting Scholar in the DASlab, School of Engineering and Applied Sciences, Harvard University; advises startups; serves on Advisory Boards of national and international research organizations; is an adjunct professor at the National University of Ireland, Galway, and at the University of Technology, Sydney; and has served on several US National Academy of Sciences committees. In 2013-2019, he was a Research Scientist in the Data Systems Group at MIT and chaired the Scientific Advisory Committee of Insight, Ireland, one of Europe's largest data science research institutes. As Chief Scientist of Verizon IT for 20 years, he was responsible for emerging technologies, architectures, IT methodologies and strategies, and guiding industrial-scale deployments of emerging technologies. Dr. Brodie holds a Ph.D. in databases, AI, and programming languages from the University of Toronto and a Doctor of Science (honoris causa) from the National University of Ireland.

Industry Expertise

Research

Areas of Expertise

Data Science, Databases, Multi-Disciplinary Problem Solving, Industrial Practice, Distributed Systems, Information Ecosystems, Computer Science

Affiliations

Visiting Scholar, Data Systems Laboratory, The John A. Paulson School of Engineering and Applied Sciences, Harvard University (2019-present), Mentor/Advisor, Canadian Mentoring Service, Canadian Technology Accelerator, Canadian Consulate General in Boston, United States (2014-), Research Scientist, Computer Science and Artificial Intelligence Laboratory, Massachusetts Institute of Technology (2013-), Chair, Scientific Advisory Board, Insight Center for Data Analytics, Ireland, (2013-2019), Adjunct Professor, Faculty of Engineering and Information Technology, University of Technology, Sydney, Australia (2014-), Advisor, Tamr.com, Cambridge, MA, USA (2013-), Adjunct Professor, National University of Ireland, Galway (2006-), Member, Scientific Advisory Board, Science of Sensor System Software (S4) Programme, University of Glasgow (2016-2018)

Education

University of Toronto
Ph.D. Computer Science

University of Toronto
M.Sc. Computer Science

University of Toronto
B.Sc. Mathematics and Computer Science

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