



Curriculum Vitae – Tomi Dahlberg

Synopsis of CV

I currently work as an information systems science (ISS) professor (management of digital business, POP) at Turku School of Economics, the business School faculty at the University of Turku. I conduct currently research with my Ph.D. students and fellow researchers mainly on the following topics:

- Digitalization of supply chains by deploying blockchain, API and robotics technologies,
- IT governance and systemic value creation especially inter-organizational and ecosystem IT governance,
- CIO and CDO work including IT benefits realization. I use the survey data of IT and digitalization barometer,
- Data management and governance, especially (product) master data management and federation by developing further the federative approach to data management,
- Selection of information systems development methods,
- Payment services research, most notably mobile payments and virtual (crypto) currencies. A significant proportion of citations to my articles come from this research topic

I currently also work as a board professional in finance and IT service provider companies, e.g. in the board of Danske Mortgage Bank Plc., and accept board membership at the maximum in 3-4 companies at a time. I have worked professionally with IT since 1975 first in expert, then in managerial, and since 1984 in director/executive positions. Since 2009 I have worked primarily as a board professional with a short period as an executive consultant in 2009-2016). In additions to incumbent companies I have worked with several start-ups and cumulatively with over 100 enterprises.

I do academic research on topics from which I have practical experience, typically as an executive. I have usually also consulted enterprises and/or mentored executives in these topics. My role as the chair of ICT leaders Finland, the chair of selection committee for the CIO of the year and the digitalization executive of the year, the chair of the Finnish standardization committee for the ISO/IEC 38500 and 20000 standard families and in the collection and analysis of IT and digitalization barometer data provide useful insights to my academic research. I'm able to probe the relevancy of my research ideas, research questions and the results of my studies against these insights. In academic research, the most important starting point is, still, good knowledge about prior research, relevant theoretical basis and suitable methodologies. I attempt to conduct research on topics where these three preconditions – own practical experience, own consultancy/mentoring and/or easy accessibility to industry experts, profound theoretical and methodological understanding – meet and merge. During the recent years I have reviewed 20-25 journal and conference articles annually, which is my maximum capacity. I'm in the editorial organizations of a few magazines and a few conferences. Active reviewing helps me improve my own research.

With all my activities I attempt to help Finnish and other enterprises to perform better in the pursuing of the objectives with the means of IT deployment and digitalization.

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Detailed CV

1. Full name and date

- Dahlberg, Tomi Karl Martin
- Male
- 31.08.2018 – date of updating this CV

2. Date and place of birth, nationality, current residence

- 1954, Helsinki, Finland
- Finnish, citizen of Finland
- Espoo, Finland

3. Education and degrees awarded

- Ph.D. (Econ), Aalto University School of Business former Helsinki School of Economics, Information Systems Science, 03/1991, verification authority: Registry of Aalto University School of Business. My thesis got the accolations of the best IT dissertation of the year 1991 in Finland
- Master of Science, Aalto University School of Business former Helsinki School of Economics, Masters thesis in Operations Research / Management Science, 05/1980
- Bachelor of Science, Aalto University School of Business former Helsinki School of Economics, 12/1976
- Graduate (College), Helsingin normaalilyseo, 05/1973 – 36 votes of max 36

4. Other education and training, qualifications and skills

- LIFIM short course (executive education), 1988
- eMBA with finance focus given to Finnish Export Credit executives and senior managers by Aalto University Executive Education, 1996. Advisor and mentor of the course
- 10+ shorter courses on management, international business & culture management and advanced finance given by various training service providers such as IMD, Gustav Käser, Mercuri Urval, INSEAD and others

5. Linguistic skills

- Finnish: Mother tongue
- English: Excellent
- Swedish: Excellent

6. Current positions and significant affiliations

Academic position:

- Professor, Turku School of Economics 01/2018->
 - Professor of Practice, management of digital business

Non-academic positions:

- Board professional, since 03/1995:
 - Danske Mortgage Bank Plc., board member, 11/2017-> The bank was established in 11/2017 to support the merger of Danske Bank Plc (where I was a board member) and Danske Bank AS
 - XCure Plc., board member, 02/2017-> Information security service company

- DBE Core Plc., chairman of the board, 02/2018-> Blockchain platform ecosystem company, spin-off from the academic Maritime Digital Supply Space (MDSS) project

Significant affiliations and responsibilities - international

- Vice-President of the International Academy of CIO (IAC), 01/2018->
 - Europe
 - CIO curriculum accreditation committee
 - Associate editor of IAC Journal
 - IAC is an alliance member in the Global Digital Leaders Alliance, which includes e.g. The European CIONet and SIM from the US
- Member of the ISO/IEC Joint Technical Committee 1, Standardization Committee 40, working groups 1 and 2, 01/2010->
 - ISO/IEC 38500 standards family - Governance of IT (working group 1)
 - ISO/IEC 20000 standards family - Management of IT services (working group 2)

Significant affiliations and responsibilities - Finland

- Chairman of the Board in ICT leaders Finland (ILF), 02/2018->
 - IT barometer and digitalization survey
- Chairman of the board for the IAC Finland Chapter, joint activities with ILF since 2017, 01/2010->
- Board member and founder of Blockchain Forum, 11/2017->
- The Chair of the Finnish IT standardization committee SR-308 for ISO/IEC JTC1, SC40 under Suomen standardisointiliitto SFS, 01/2010->
- Chair the selection committee for the annual CIO of the year nomination, 09/2004 ->
- Chair of the selection committee for the Digital business leader of the year nomination, 09/2016->

7. Previous work experience

Academic:

- Senior Research Fellow, Turku School of Economics (part-time), 01.2016-09.2017 retired at the age of 63
- Executive in Residence, Aalto University Business School (part-time), 01.2015 – 09.2017, retired at the age of 63.
- Acting professor of Information Systems Science at Åbo Akademi University 01-12.2015, full time
- Senior research fellow, Turku School of Economics at University of Turku 08/2011-12/2014 (part time), Founding member of TISRA (Turku Information Systems Research Alliance).
- Research Director, University of Jyväskylä 08/2010-07/2011 (part time).
- Professor of information systems science (acting, 08/2000-07/2008), visiting professor (08/2008-07/2010), Aalto University school of Business / Helsinki School of Economics (part time).
- Ph.D. student, Academy of Finland, 09/1986-08/1987.
- Research Assistant, Aalto University School of Business, 08/1979-12/1983

Non-academic:

- Board member /chairman of the board most significant: Danske Bank Plc 2016-2017, Ineo plc. (master data management), Amos Partners plc (merged to Suomen pankkiiriliike,

financial advisory), Endero Plc (software service provider, listed to Helsinki stock exchange)

- Leading Mentor and founder, CxO Mentor Plc. 05/2009-09/2012 continued as Tomi Dahlberg oy until 12/2016.
- CTO, CIO and Chairman of the board, Pintavision Plc., 01/2004-04/2009 (Nanotechnology company).
- Executive committee member: Executive Vice president of customer support units and Group CIO reporting to the CEO, Elisa (Radiolinja) 05/2001-12/2003.
- Senior Vice president (treasury) in Leonia Bank and (electronic and mobile business) in Sampo Group 06/1998-04.2001.
- Executive vice president (CIO) 11/1991-12/1994, deputy CEO 01/1995-11/1997 (export finance and treasury), CEO 12.1997-05/1998, Finnish Export Credit (merged with Postipankki to Establish Leonia bank).
- Director and CIO of Finnish Options Market (currently OM-Nasdaq, Finland) and CEO of Somtel Plc. 02/1988-10/1991
- R&D manager and executive committee secretary, Unic Plc, 01/1984-01/1988
- Programmer and systems analyst, Systek plc 06/1977-10/1981 (military service 1981-1982)

8. Consultancy, R&D projects, publications and teaching (overall description)

- Approximately 100 consultancy and mentoring assignments in various companies and public sector organizations.
- Participated into 7 large Finnish Technology Agency (TEKES/Business Finland) funded research and R&D projects in various roles both in business (4 projects) and in academia (3) especially as responsible project director.
- 10+ courses taught at universities, mostly on strategic management of IT and digital business, IT governance, IT service management, governance of data and options theory
- Approximately 50 articles in scientific journals and conferences (double blind review, JUFO 1 or higher) and approximately 20 texts published in commercial journals or books, numerous other short articles & interviews in magazines and commercial journals in Finland and internationally.
- Current Academic H-index 16 and I-index 22 according to Google Scholar, 1800+ citations.

9. Accolations and Honours

- Award for the best IT related (computer science and information systems) Ph.D dissertation in Finland in 1991
- Nominated as one of the 100 most influential IT experts in Finland annually since 2005 (2005-2018) by Alma Media Tietoviikko IT magazine
- Award for best paper at WIS 2014 conference, most valuable reviewer of ICEGOV 2015 conference, best paper nomination candidacy at HICSS 2017 conference

10. Areas of expertise acknowledged by my network (LinkedIn)

- Business strategy, business strategy management
- Digital Strategy, digital strategy management
- Governance and management of IT
- Governance and management of data
- Data integration and federation (API economy)
- Deployment and management of Blockchain and distributed ledger technologies

- Deployment of IT management best practices (e.g. ISO/IEC 20000, 38500, 27000, COBIT, ITIL, TOGAF, DMBOK)
- CIO/CDO work related tasks
- Board work, corporate governance
- IT due diligence in the context of mergers and acquisitions
- Process management and process modeling
- Change management
- Master and reference data management
- Innovation management, innovations process management systems
- Program, project and portfolio management
- Selection of software development methods (plan-driven, change-driven)
- The development of IT service process management in data centers
- Financial risk management
- Electronic and mobile payment services
- Virtual (crypto) currencies
- IT sourcing strategies and processes, outsourcing, insourcing, back-sourcing, contracting,
- Financing (seed financing, venture financing, trade and export finance, securitization, project finance)
- Pre-studies, market and other studies