

# Tsuyoshi Kano

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## SUMMARY

PhD candidate in School of Information at University of Michigan with broad expertise and strong academic background in ICT and Development (ICTD), especially IT-related career aspiration, IT human resource development, and IT industry development. Practical experiences at a development aid agency (JICA) and an IT firm.

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## RESEARCH PROJECTS

<b>ICT and innovation capacity development in Rwanda</b>	2017
<b>The diversity of aspirations for IT jobs in Asia (Bangladesh, Vietnam, and the Philippines)</b>	2016-2017
<b>How freelancing impacts IT engineers in developing countries?</b>	2016-2017
<b>Geographical diversification in ICTD research</b>	2015-2016
<b>Missing piece in ICTD research</b>	2015-2016

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## PUBLICATIONS AND PRESENTATIONS/LECTURES

- International Conference on ICT and Development (ICTD)** Ann Arbor, USA  
*Publication/Presentation (Note session adoption via evaluation by two reviewers)* 2016  
Title: Geographic Diversification of ICTD Research  
*ACM Digital Library: Proceedings of the Sixth International Conference on Information and Communications Technologies and Development: Notes – ICTD '16*
- Kobe Institute of Computing, Graduate School of Information Technology** Kobe, Japan  
*Lecture* 2013, 2014, 2015  
Title: Case Study on ICT4D projects in Bangladesh
- 49<sup>th</sup> Committee of Infrastructure Planning and Management** Sendai, Japan  
*Publication/Presentation (Short paper session adoption via evaluation by reviewer)* 2014  
Title: Impact and Potential Assessment of Introduction of Smart Card Transport in Bangladesh
- International Conference on ICT and Development (ICTD)** Cape Town, South Africa  
*Publication/Presentation (Note session adoption via evaluation by two reviewers)* 2013  
Title: Impact of the Introduction of IC Card Transport Fare Collection System and Anti-corruption  
*ACM Digital Library: Proceedings of the Sixth International Conference on Information and Communications Technologies and Development: Notes - Volume 2 (pp.57-60)*
- CPRsouth 5** Xi'an, China  
*Presentation at Conference* 2010  
Title: JICA's strategy and activities in the ICT sector

**JICA Project Evaluation Reports**

JICA Library

*Publication: Co-author of 6 evaluation reports consisting of Ex-ante Evaluation, Mid-term Evaluation, and Terminal Evaluation for JICA Technical Cooperation Projects* 2008-2014

**ICT4D Blog**

*ICT for Development.JP* (<http://ict4djapan.wordpress.com/>)

2010-2014

Contributing author and co-manager of the only ICT4D blog in Japanese (Handle name: Kanot)

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**PROFESSIONAL EXPERIENCE**

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**Japan International Cooperation Agency (JICA)****Tokyo, Japan****Deputy Director****2017-present**

- ICT strategy formulation and system development.

**Rwanda ICT Chamber****Kigali, Rwanda****Internship****2017**

- Strategy formulation, project formulation, monitoring and evaluation of ICT industry development and human resource development projects in ICT sector.

**JICA Bangladesh office****Dhaka, Bangladesh****Representative, Bangladesh Office****2012-2015**

- Program Officer in ICT Sector  
In charge of IT engineer examination project (\$3 million grant), transport smart card project (\$4 million grant), telecommunication network development project (\$104 million loan), and educational TV project.
- Strategy formulation, project formulation, monitoring and evaluation of loans, grant aid, and technical cooperation projects in ICT and Urban Development sectors.
- Consultation for private companies, NGOs, and other development donors.

**JICA, Economic Infrastructure Department****Tokyo, Japan****Assistant Director****2010-2012**

- Strategy formulation, project formulation, monitoring and evaluation of loans, grant aid, and technical cooperation projects in ICT and Transportation sectors.
- Program Officer in ICT Sector  
In charge of satellite distance learning project in the South Pacific, ICT human resource development project in Myanmar, Vietnam and The Philippines, and broadcasting infrastructure project in Afghanistan and Pakistan.
- Secretariat of ICT Task Force

**JICA, Secretariat of Japan Overseas Cooperation Volunteers****Tokyo, Japan****Deputy Assistant Director****2008-2010**

- Strategy formulation for volunteer schemes in southern Africa.
- Recruited and selected volunteers, and monitored and evaluated volunteer activities in Africa.

**Nomura Research Institute, Ltd.****Tokyo, Japan****IT Consultant/Application Engineer****2004-2008**

- Consultant for ICT systems of a securities firm.
- Designed and developed web-based stock trading system and batch system.
- Project management for outsourcing to China.

**ZERO Inc.****Tokyo, Japan****Internship****2002-2004**

Programmer for CGI web application.

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#### EDUCATION

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**University of Michigan** **Michigan, USA**  
***PhD in Information*** ***2015-Present***

- Research topic: ICT and economic development

**Yokohama National University** **Yokohama, Japan**  
***Master of Information Science*** ***2004***

- Thesis: Pattern driven extraction of motion relationship and application for meaning analysis from corpus of news articles

***Bachelor of Engineering*** ***2002***

- Thesis: Composition of amorphous fluorocarbon (a-C:F) polymer films using plasma CVD

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#### CERTIFICATIONS

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**Project Management Coordinator**, Project Management Association of Japan **2012**

**Oracle Master Silver 10g**, Oracle **2007**

**Application Engineer**, Ministry of Economy, Trade and Industry, Japan (METI) **2007**

**Software Design & Development Engineer Examination**, METI **2004**

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#### AWARDS

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**JICA Scholarship for Ph.D.** **2015-2017**

**JICA President Award Finalist** **2013**

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#### IT SKILLS

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**Programming:** Python, Perl, SQL, HTML

**OS:** Mac, Windows, Linux, Unix