

RISCHAN MAFRUR

CONTACT INFORMATION	Advanced Network Laboratory Dept. of Electronics and Computer Engineering Chonnam National University Room 419, Engineering Building 7 77 Yongbong-dong, Bukgu, Gwangju 500-757, South Korea	<i>Mobile:</i> +8210-3644-0400 <i>Office:</i> +8262-530-0894 <i>E-mail:</i> rischanlab@gmail.com
RESEARCH INTERESTS	Ubiquitous Computing, Internet of Things, Context Aware and Sensing, Big Data Data Mining, and Machine Learning	
EDUCATION	Chonnam National University , South Korea	
	M.Eng., School of Electronics and Computer Engineering (2013 – 2015)	
	<ul style="list-style-type: none">• GPA: 4.38/4.50• Thesis: <i>Modeling and Discovering Human Behavior from Smartphone Sensing Life-Log Data</i>• Adviser: Professor Deokjai Choi	
	Sunan Kalijaga State Islamic University , Yogyakarta, Indonesia	
	B.Kom., Informatics Department (2009 – 2013)	
	<ul style="list-style-type: none">• GPA: 3.74/4.00 (1 top)• Thesis: <i>Correlation between Learning Model using IndoBlockly with Students Understanding for Structured Programming Course</i>• Adviser: Agung Fatwanto, PhD	
FIRST AUTHOR INTERNATIONAL CONFERENCE PUBLICATIONS	<p>[1] Rischan Mafrur, I Gde Dharma Nugraha and Deokjai Choi, “Concept, Design and Implementation of Sensing as a Service Framework”, <i>ACM IMCOM, The 9th International Conference on Ubiquitous Information Management and Communication</i>, January 2015.</p> <p>[2] Rischan Mafrur, M. Fiqri Muthohar, Gi Hyun Bang, Do Kyeong Lee and Deokjai Choi, “Awareness Home Automation System Based on User Behavior through Mobile Sensing”, <i>CUTE 2014, The 9th KIPS International Conference on Ubiquitous Information Technologies and Applications</i>, December 2014.</p>	
FIRST AUTHOR REFEREED JOURNAL PUBLICATIONS	<p>[3] Rischan Mafrur, Priagung Khusumanegara, Gi Hyun Bang, Do Kyeong Lee, I Gde Dharma Nugraha and Deokjai Choi, “Developing and Evaluating Mobile Sensing for Smart Home Control”, <i>International Journal of Smart Home</i>, Vol. 9, No. 3 (2015), pp. 215-230.</p> <p>[4] Rischan Mafrur, M Fiqri Muthohar, Gi Hyun Bang, Do Kyeong Lee, Kyungbaek Kim and Deokjai Choi, “Twitter Mining: The Case of 2014 Indonesian Legislative Elections”, <i>International Journal of Software Engineering and Its Applications</i>, Vol. 8, No. 10 (2014), pp. 191-202.</p>	
AWARDS, HONORS AND SCHOLARSHIPS	Awards <ul style="list-style-type: none">• Award for a student with the best and fastest graduate academic performance in Faculty of Science and Technology by Sunan Kalijaga State Islamic University, Yogyakarta, Indonesia (2013)	

- Awards for the “Summa cum laude” in Faculty of Science and Technology by Sunan Kalijaga State Islamic University, Yogyakarta, Indonesia (2013)
- Recipient Grant Prime (as a researcher) Faculty of Science and Technology, Sunan Kalijaga State Islamic University of Yogyakarta. (2012)
- Recipient Grant Prime (as a researcher) Directorate General of Higher Education, Ministry of Education and Culture. (2011)

Scholarships

- Brain Korea 21/+ Research Scholarship (2014–2015)
- Ministry of Science, ICT&Future Planning Research Scholarship (2014–2015)
- National Research Foundation of Korea Scholarship (2014–2015)
- Global IT Government (NIPA) Scholarship (2013–2014)
- Scholarship for Bachelor Final Thesis from ODK (Da’wah Campus Organization) (2013)
- Scholarship Achievements from Bank Indonesia (2012–2013)
- Sunan Kalijaga State Islamic University of Yogyakarta & Ministry of Religius (2009–2012)

PROFESSIONAL EXPERIENCES

Chonnam National University, South Korea

- Researcher (2013–current)
- Personal Data Sensing Analysis (funded by NRF) (2014–current)
 - Mobile Device Interface Research Center (MDIRC) group (2014)
 - Wi-Fi Handover for the Robot Monitoring and Controlling System (incorporate with RedOne Technologies Co., Ltd., South Korea) (funded by NIPA) (09/2013–02/2014)

PTIPD (Center of Information Technology and Data Center)

- Web Developer (01/2012–6/2013)
- Developing Online Registration System for KKN (Kuliah Kerja Nyata) based on CodeIgniter Framework with Restful API and Oracle Database.

Sunan Kalijaga State Islamic University, Yogyakarta, Indonesia

- Teaching Assistant (2010–2013)
- Algorithms and Data Structures (C++) (2010)
 - Operating System (Linux) and Bash Scripting Language (2010, 2012)
 - Visual Programming Language (Borland Delphi) (2011)
 - Database (MySQL and Oracle) (2011)
 - Structured Programming (C Procedural) (2011, 2012)
 - Object Oriented Programming (Java) (2012)
 - Web Programming (PHP) (2012)
 - Information System (2012, 2013)
 - Mobile Computing (Android) (2012, 2013)
- Research Assistant (2010–2012)
- Learning Vector Quantization for Javanese Characters Recognition, Supervised by DR. Shofwatul 'Uyun, M.Kom, (2012)
 - Digital Image Processing for Blocking Porn Images in Android Platform (Grant research sponsored by Directorate General of Higher Education), Supervised by DR. Shofwatul 'Uyun, M.Kom, (2011–2012)

- Developing Firefox Add-ons for Blocking Unwanted Contents, Especially Nude Images. This research supported by Faculty of Science and Technology, Sunan Kalijaga State Islamic University, Supervised by Bambang Sugiantoro, M.T, Com TIA, (2013)

Imagine IT Education Center , Yogyakarta, Indonesia

PHP and Android Tutor (01/2012–12/2012)

- Developing Android Applications from Scratch
- Developing Web Applications based on CodeIgniter Framework
- Thesis Consultant

LANGUAGES	Javanese	Native
	Indonesian	Native
	English	Professional working proficiency
	Korean	Beginner
	Arabic	Beginner
SKILLS	R Language, Pandas Python, PHP CodeIgniter, Android, Data Mining and Machine Learning.	
PERSONAL INFORMATION	Place, Date of Birth	Temanggung, January 14th, 1991
	Gender	Male
	Nationality	Indonesia
	Religion	Islam
	Status	Single/Un-Married
	Github	github.com/rischanlab
	LinkedIn	linkedin.com/in/rischan
	Stack Overflow	stackoverflow.com/rischan
	Stackoverflow Career	careers.stackoverflow.com/rischan

