

# 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	<b>Chonnam National University</b> , South Korea	
	M.Eng., School of Electronics and Computer Engineering (2013 – 2015)	
	<ul style="list-style-type: none"><li>• GPA: 4.38/4.50</li><li>• Thesis: <i>Modeling and Discovering Human Behavior from Smartphone Sensing Life-Log Data</i></li><li>• Adviser: Professor Deokjai Choi</li></ul>	
	<b>Sunan Kalijaga State Islamic University</b> , Yogyakarta, Indonesia	
	B.Kom., Informatics Department (2009 – 2013)	
	<ul style="list-style-type: none"><li>• GPA: 3.74/4.00 (1 top)</li><li>• Thesis: <i>Correlation between Learning Model using IndoBlockly with Students Understanding for Structured Programming Course</i></li><li>• Adviser: Agung Fatwanto, PhD</li></ul>	
FIRST AUTHOR INTERNATIONAL CONFERENCE PUBLICATIONS	<p>[1] <b>Rischan Mafrur</b>, I Gde Dharma Nugraha and Deokjai Choi, “<b>Concept, Design and Implementation of Sensing as a Service Framework</b>”, <i>ACM IMCOM, The 9th International Conference on Ubiquitous Information Management and Communication</i>, January 2015.</p> <p>[2] <b>Rischan Mafrur</b>, M. Fiqri Muthohar, Gi Hyun Bang, Do Kyeong Lee and Deokjai Choi, “<b>Awareness Home Automation System Based on User Behavior through Mobile Sensing</b>”, <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] <b>Rischan Mafrur</b>, Priagung Khusumanegara, Gi Hyun Bang, Do Kyeong Lee, I Gde Dharma Nugraha and Deokjai Choi, “<b>Developing and Evaluating Mobile Sensing for Smart Home Control</b>”, <i>International Journal of Smart Home</i>, Vol. 9, No. 3 (2015), pp. 215-230.</p> <p>[4] <b>Rischan Mafrur</b>, M Fiqri Muthohar, Gi Hyun Bang, Do Kyeong Lee, Kyungbaek Kim and Deokjai Choi, “<b>Twitter Mining: The Case of 2014 Indonesian Legislative Elections</b>”, <i>International Journal of Software Engineering and Its Applications</i>, Vol. 8, No. 10 (2014), pp. 191-202.</p>	
AWARDS, HONORS AND SCHOLARSHIPS	<b>Awards</b> <ul style="list-style-type: none"><li>• 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)</li></ul>	

- 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	<a href="https://github.com/rischanlab">github.com/rischanlab</a>
	LinkedIn	<a href="https://linkedin.com/in/rischan">linkedin.com/in/rischan</a>
	Stack Overflow	<a href="https://stackoverflow.com/rischan">stackoverflow.com/rischan</a>
	Stackoverflow Career	<a href="https://careers.stackoverflow.com/rischan">careers.stackoverflow.com/rischan</a>

