Irmasari **Hafidz**
Curriculum Vitae

Personal

Surname	Hafidz
First name	Irmasari (Irma)
Place of Birth	Indonesia
Nationality	Indonesian

irhafidz@gmail.com

☏ (+44) 079465-47839

Education

2019-2022	**PhD Candidate**. Loughborough University, UK, Advanced VR Research Centre (AVRRC)
	• Supervisor: Prof. Roy S. Kalawsky, Co-Supervisor: Dr. Melanie King
	• Profile at https://www.lboro.ac.uk/departments/meme/staff/phd/irma-hafidz/
2008-2011	**Master of Science.** Universiteit Twente (The Netherlands)
	• Thesis at http://essay.utwente.nl/62920/
	• *Supervisor*: Prof. Dr. Roland Müller (Visiting Professor at SMG UTwente, now Professor at Berlin School of Economics), *Co-Supervisor*: Dr. Mannes Poel (HCI/EEMCS, UTwente)
2003-2007	**Bachelor Degree**. Institut Teknologi Sepuluh Nopember (Indonesia), Dept of Information Systems
	• Graduated *cum laude* (GPA: 3,47)
	• *Major:* Decision Support Systems and Business Intelligence

Research Interest

Research Interest	visualization, causal inference, UX, user perception, decision making
Scholar	https://scholar.google.co.id/citations?user=7LWDMRQAAAAJ&hl=en
ORCID	https://orcid.org/0000-0002-9148-712X
Github	https://github.com/irhafidz/
Email	irma@is.its.ac.id, irhafidz@gmail.com, i.hafidz@lboro.ac.uk

Scholarships

2019	Full PhD Scholarships/Studentships (3 years). Ministry of Directorate Higher Education (DGHE) or DIKTI, Republic of Indonesia
2008	Full Master Scholarships, University of Twente, the Netherlands. A grant from Ministry of Directorate Higher Education (DGHE) or DIKTI, Indonesia

Travel Grant

2022	RSECon 2022 (Research Software Engineering Conference), Newcastle University, 6-8 September 2022 (£250)
2019	CODATA International Training on Scientific Big Data and Machine Learning, Chinese Academy of Sciences (CAS), Beijing – China *(at cost, air flight, accommodation for 2*
2017	*weeks)*
	CODATA-RDA Research Data Science Summer School**,** Applied workshops on IoT/Big-Data *(at cost, air flight, accommodation for 3 weeks)*
2017	JuliaCon2017, Programming with Julia. UC Berkeley, Berkeley, California, USA (2700 US $)
2009	Student Delegation of Universiteit Twente for MILMUN, Milan Model United Nations

Attended Workshops & Training

2022	**OxML2022 – Oxford Machine Learning 2022,** St Catherine College, Oxford University, Oxford, 7-10 August 2022 (in person workshop)
2022	**ESMARConf2022**- Evidence Synthesis & Meta-Analysis in R Conference, Online/ Belfast, Ireland
2021	**Data Study Group – The Alan Turing Institute (DSG)** Researcher/ PhD Student participant for OSNI Challenge, Technical Report from the challenge (written by our team) available at https://www.turing.ac.uk/research/publications/data-study-group-final-report-ordnance-survey-northern-ireland-osni
2021	**Collaborations Workshop 2021 (CW21)**, Software Sustainability Institute, London/online, UK https://www.software.ac.uk/cw21
2020	**Fundamentals of Deep Learning for Multiple Data Types**, NVIDIA DLI (Deep Learning Institute)
2020	**Introduction to FAIR Data Stewardship** – Leiden, NL/ online, Hogeschool Leiden & GOFAIR, https://www.go-fair.org/events/introduction-to-fair-data-stewardship/ 14-25 Nov 2020
2020	**Advanced GIS Methods Training: AHAH and Multi-Dimensional Indices** CDRC UK (Consumer Data Research Centre), Part 1: Access to Healthy Assets & Hazards (AHAH), Part 2: Multi Dimensional Indices (MDI)
2020	**Advanced GIS Methods Training: IUC and K-means Clustering,** CDRC UK (Consumer Data Research Centre). Internet User Classification and Retail Centre Typology datasets from the CDRC)
2019	**CODATA International Training on Scientific Big Data and Machine Learning, Chinese Academy of Sciences (CAS), Beijing – China**
2017	**CODATA-RDA Research Data Science Summer School**, **Applied workshops on IoT/Big-Data Analytics.** The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy
2017	**JuliaCon2017,** Programming with Julia. UC Berkeley, Berkeley, California, USA https://juliacon.org/2017/
2017	**FOSSASIA 2017**, Science Centre Singapore, overseas volunteer
2015	**AUN/SEED-Net- JICA, Management of Technology Course** – Universiti Teknologi Malaysia
2014	"**Data Mining with R**"- Istanbul Quantitative Lectures, University of Istanbul, Turkey,
2011	**SAP Training for Trainer**, "Introduction into SAP ERP using GBI". Dept. Information Systems, Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia
2011	**Visualizing Europe**, Data Visualization & Infographics Conference, GE Seed Media Group. Brussels, Belgium
2011	**seeconference #6**, Information Visualization Conference, Scholz & Volkmer GmbH Lutherkirche, Wiesbaden, Germany

| 2010 | **Maastricht School on Data Mining: "Introduction to methods and applications"**, Department of Knowledge Engineering, Maastricht University, The Netherlands |
| 2009 | Student Delegation of Universiteit Twente for **MILMUN, Milan Model United Nations**. Universitá Luigi Bocconi, Milan, Italy |

Publication: Journal

2021	Nur Aini Rakhmawati, Tetha Valianta, Irmasari Hafidz, Azmi Pratama, Doddy Ridwandono and Lolanda Annisa, *"What are inside the mind of teenagers on Instagram?"* (Accepted, peer reviewed, in press), International Journal of Business Information Systems DOI: 10.1504/IJBIS.2020.10019634 https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbis#81237
2021	Nur Rakhmawati, Faiz NF, Irmasari Hafidz, Indra Raditya, Pande Dinatha, Andrianto Suwignyo, *"Clustering Student Instagram accounts using Author-Topic Model Based"* (Accepted, peer reviewed, in press), International Journal of Business Intelligence and Data Mining, DOI: 10.1504/IJBIDM.2020.10020280 https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbidm#81872
2020	(In Indonesian) Nur Aini Rakhmawati, Rheindra Alfarhizi, Irmasari Hafidz. Penerapan Social Network Analysis dengan Menggunakan Metode Sociomatrix pada Akun Instagram Siswa SMA di Surabaya. Jurnal Sistemasi Vol. 9 No.2 E-ISSN:2540 – 9719 http://sistemasi.ftik.unisi.ac.id/index.php/stmsi/article/view/807
2019	(In Indonesian) Hafidz, I., Mirfak, A., Azhari, A., Adianto, A. I., Fuad, B. H., & Farabi, M. I. (2019). *Rancang Bangun Dashboard Dan Visualisasi Data Kickstarter Dengan Pendekatan Business Intelligence*. SISFO VOL 8 NO 2, 2. https://doi.org/10.24089/j.sisfo.2019.01.005

Publication: Conference

2020	**Paper**, Handayeni, K. D. M. E., U. F. Kurniawati, and I. Hafidz. "GHG Inventory on energy sector using mobile application in Surabaya City: some challenges and opportunities." In IOP Conference Series: Earth and Environmental Science, vol. 562, no. 1, p. 012024. IOP Publishing, 2020. The link at https://iopscience.iop.org/article/10.1088/1755- 1315/562/1/012024/meta
2017	**Paper,** Irmasari Hafidz, Alvin Rahman Kautsar, Tetha Valianta, and Nur Aini Rakhmawati. "Teenstagram TimeFrame: A Visualization for Instagram Time Dataset from Teen Users (Case Study in Surabaya, Indonesia)." Procedia Computer Science 124 (2017): 100-107. The link at: https://www.sciencedirect.com/science/article/pii/S1877050917329034
2017	**Paper**, Tony Dwi Susanto, Made Mira Diani, and Irmasari Hafidz. "User Acceptance of e- Government Citizen Report System (a Case Study of City113 App)." Procedia Computer Science 124 (2017): 560-568. The link at: https://www.sciencedirect.com/science/article/pii/S1877050917329587
2016	**Paper**, Irmasari Hafidz, Kadek Hari Baskara and Nur Aini Rakhmawati, "CekPolusi: A Web Application Development for Visualizing Air Pollution Data (Case Study: The City of Surabaya)", 4th AUN/SEED-NET REGIONAL CONFERENCE ON NATURAL DISASTER 2016 (RCND 2016), Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia, Link at: http://mjiit.utm.my/rcnd2016/files/2016/09/Final-RCND-Program.pdf
2016	**Paper**, Renny Pradina Kusumawardani, Irmasari Hafidz, Septa Firmansyah Putra, BencanaVis Visualization and Clustering of Disaster Readiness Using K Means and AHP with R Shiny--A Case Study for Disaster, Medical Personnel and Health Facilities Data at Province Level in Indonesia, The 10th ICTS, Informatics Department, ITS, Oct, 12th 2016, Surabaya. The link at: http://ieeexplore.ieee.org/document/7910295/
2016	**Poster Paper**, Abstract, Nur Aini Rakhmawati, Irmasari Hafidz, Renny P. Kusumawardani, Radityo P. Wibowo,"CITY113: A Mobile Application to Improve

Public Participation in Surabaya City Development for Better Governance",
Excellent Science in ASEAN Vol.2, ISBN: 978-963- 12-5525-6, Regional Centre for
Information & Scientific Development (RCISD), Budapest. http://rcisd.eu/wp-content/uploads/2013/10/excellent_science_in_asean_vol_2.pdf

2016   **Paper**, Nur Aini Rakhmawati , Irmasari Hafidz, Renny P. Kusumawardani,
Radityo P. Wibowo, "Towards Surabaya as An Open Data City", Proceeding,
Scientific Meeting ASEA-UNINET International Workshop (The ASEAN European
Academic University Network) Bali, February
15th, 2016, Udayana University, Widya Sabha, Campus Bukit Jimbaran, Key Area:
Science and Technology

━━━━━ Project Supervision with Students

2018   Bakau app for Anita's Moonshot Codeathon 2018: app where a citizen can submit,
manage, report about wildlife of a Mangroves area
https://challengerocket.com/anitasmoonshot/works/bakau-903ce9
Teenstagram 2, Social Network Analysis for high school Instagram users

2017   Teenstagram 1, Topic Modelling for Instagram caption, paper here
2016   BencanaVis: Project at https://bencanavis.shinyapps.io/bencana
2016   LAPORnlp: Classification of citizen reporting/ aspiration from LAPOR! Dataset.
Project at https://lapornlp.shinyapps.io/TA_LAPOR/
2016   SurabayaNLP: Sentiment analysis official twitter account of Surabaya City
Government. Project at https://surabayanlp.shinyapps.io/Visualisasi/
2015-2016   CekPolusi: visualization for air pollution data
http://cekpolusi.addi.is.its.ac.id/pages/home.html

━━━━━ Written Works

List of paper and written works are also available in GScholar

GScholar   https://scholar.google.co.id/citations?user=7LWDMRQAAAAJ&hl=en
MSc Thesis   University of Twente, Student Theses, http://essay.utwente.nl/62920/
Technical Report   Leveraging LiDAR and Street View Data for Road Feature Detection with
OSNI (12-23 July 2021 report for Alan Turing Institute- Data Study Group)

will be published at Alan Turing Institute website. The written report is still
waiting for NDA clearance from OSNI and its DOI. The link of the event:
https://www.turing.ac.uk/events/turing-data-study-group-lida-july-2021

━━━━━ Academic Reference

Prof. Roy S. Kalawsky   Professor- Director AVRRC, Loughborough University; Airbus/Royal
Academy of Engineering Research Chair in Digital and Data
Engineering Information Systems,
Contact: R.S.Kalawsky@lboro.ac.uk | https://www.lboro.ac.uk/research/avrrc/people/

Nur Aini Rakhmawati, Ph.D   Associate Professor, Dept. of Information Systems, ITS, Indonesia
Contact: nur.aini@is.its.ac.id |
https://scholar.google.co.id/citations?user=Nbqq79EAAAAJ&hl=en&authuser=1