

CV Irmasari Hafidz

Personal Information

Laboratory : Advanced VR Research Centre (AVRRC), The Wolfson School of Mechanical, Electrical, and Manufacturing Engineering
Institution : Loughborough University, UK | <https://www.lboro.ac.uk/research/avrrc/>
Research Interest : big data, data analytics, visualization
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Education

- 2019-2022 PhD Student, (started Nov 2019) **Advanced VR Research Centre (AVRRC), The Wolfson School of Mechanical, Electrical, and Manufacturing Engineering, United Kingdom**
Topics: Human factors in data analytics and decision-making process
Supervisor: Prof. Roy S. Kalawsky, Co-Supervisor: Dr. Melanie King
- 2008-2011 Master of Science in School of Management and Governance (SMG), **Universiteit Twente, The Netherlands** *Major:* Business Information Technology
Thesis title: Application of TETRAD in information systems theory development using knowledge sharing literature: case-study based approach <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 in Department of Information Systems, **Institut Teknologi Sepuluh Nopember (ITS) Indonesia**
Major: Decision Support Systems and Business Intelligence. GPA: 3,47

Academic Reference:

1. **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/>
2. **Mahendrawathi ER, Ph.D.**, Assistant Professor, Dept. of Information Systems, ITS, Indonesia. Contact: mahendra_w@is.its.ac.id | <https://scholar.google.com/citations?hl=en&user=4y4OlkAAAAJ>
3. **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>

Scholarships

- 2019 Full PhD Scholarships/Studentships (3 years) at Advanced VR Research Centre, Loughborough University, UK. A grant from the Ministry of Directorate Higher Education (DGHE) or DIKTI, Republic of Indonesia
- 2009 University of Twente Student Delegation, 10 Days Participation at MILMUN (Milan Model United Nations), Milan – Italy. Grant (partial) from University of Twente
- 2008 Full Master Scholarships, University of Twente, the Netherlands. A grant from Ministry of Directorate Higher Education (DGHE) or DIKTI, Indonesia

Grant

- 2017 **NUMFocus, MIT (\$2,960)** – Grant for Participation at JuliaCon 2017 at UC Berkeley, Berkeley, USA
- 2022 **WES Travel Fund (200 GBP)** – Grant from LU Women in Engineering Society Travel Bursary, Loughborough University, for participating at CardiffNLP, Cardiff University, Wales – UK, 30th June – 1 July, 2022 <https://www.cardiffnlpworkshop.org/schedule>
- 2022 Society of Research Software Engineers (**250GBP**) – Travel Bursaries award for early career researchers and postgraduate students to attend **RSECon22** at Newcastle Helix, Newcastle University
- 2023 **The Turing Way Book Dashes, The Alan Turing Institute (at cost)** – Travel grant, to fully participate the workshop (*accommodation, travel and food*)
- 2023 **MapReader Workshop – Living with Machines, The Alan Turing Institute (at cost)** – Travel grant, to fully participate the workshop (*accommodation, travel and food*)
- 2023 **CIFAR Inclusive AI Scholarship, MILA - the Quebec Artificial Intelligence Institute, Montreal, Canada**

Training & Workshop

- 2023 Data science workflows in JavaScript from **ObservableHQ** (online), 11th and 18th July 2023
- 2023 **MapReader Workshop – Living with Machines, The Alan Turing Institute and British Library**, <https://living-with-machines.github.io/MapReader/>, 7-8th June 2023 (in-person) at The Alan Turing Institute
- 2023 **The Turing Way Book Dashes**, <https://the-turing-way.netlify.app/community-handbook/bookdash.html> May 2023, Link for the event and participation: <https://github.com/alan-turing-institute/the-turing-way/issues/3026>
- 2022 **RSECon2022**, the 6th Annual Conference for Research Software Engineering, <https://rsecon2022.society-rse.org/> 6-8th September 2022, Newcastle University, Newcastle, UK
- 2022 **Industry Taster Pilot Event – The Alan Turing Institute** co-organised by The Alan Turing Institute and The University of Liverpool's Distributed Algorithms CDT, challenges presented by the Defence Science and Technology Laboratory (DSTL) – UK Defence and Security. Reference for participation: Harriett McCan hmccann@turing.ac.uk, 14th July 2022, The Spine, Paddington Village, Liverpool
- 2022 **ESMARConf2022** - Evidence Synthesis & Meta-Analysis in R Conference, Online, February 21-24th, 2022 Link <https://www.eshackathon.org/events/2022-01-ESMARConf2022.html>
- 2021 Collaborations Workshop 2021 (CW21), Software Sustainability Institute, London/online, UK <https://www.software.ac.uk/cw21> 30 March - 1 April 2021
- 2020 Introduction to FAIR Data Stewardship - <https://www.go-fair.org/events/introduction-to-fair-data-stewardship/> 14-25 Nov 2020
- 2020 CDRC UK (Consumer Data Research Centre) - **Advanced GIS Methods Training: AHAAH and Multi-Dimensional Indices** two part. 29 – 30 Sept 2020
Part 1: Access to Healthy Assets & Hazards (AHAAH), Part 2: Multi Dimensional Indices (MDI)
- 2020 CDRC UK (Consumer Data Research Centre) - **Advanced GIS Methods Training: IUC and K-means Clustering** (Internet User Classification and Retail Centre Typology datasets from the CDRC) 20-21 Oct 2020
- 2019 **CODATA International Training on Scientific Big Data and Machine Learning, Chinese Academy of Sciences (CAS), Beijing – China** 9-20 September 2019 (Beijing, China)
- 2019 **Western Australian East Java University Consortium (WAEJUC) Research Training workshops** 18-22 Maret (Surabaya, Indonesia)
- 2017 The **CODATA-RDA Research Data Science Summer School**, 8-21 July (Trieste, Italy) **Applied**

- workshops** on IoT/Big-Data Analytics 24-28 July (Trieste, Italy)
- 2017 **JuliaCon2017**, programming with Julia University of California Berkeley, 20-24 June 2017 (Berkeley, California, USA)
- 2017 **FOSSASIA 2017**, Science Centre Singapore, overseas volunteer, March 2017, more at <http://2017.fossasia.org/>
- 2015 AUN/SEED-Net - JICA, 2015, **Management of Technology Course** – Universiti Teknologi Malaysia (Agustus, Kuala Lumpur)
- 2014 “**Data Mining with R**” - Istanbul Quantitative Lectures, University of Istanbul, Turkey, 25- 30 Agustus, 2014
- 2011 **SAP Training for Trainer**, “Introduction into SAP ERP using GBI” (Jurusan Sistem Informasi, ITS-Surabaya, Indonesia), September 2011
- 2011 Participant at **Visualizing Europe**, Data Visualization & Infographics Conference, GE Seed Media Group (Brussels, Belgium), 14 June 2011
- 2011 Participant at **seeconference #6**, Information Visualization Conference, Scholz & Volkmer GmbH (Lutherkirche, Wiesbaden, Germany), 9 April 2011
- 2010 Participant at **Maastricht School on Data Mining: “Introduction to methods and applications”** (Department of Knowledge Engineering, Maastricht University, NL), 30 August – 2 Sept 2010
- 2009 Student Delegation of Universiteit Twente for **MILMUN, Milan Model United Nations** (Università Luigi Bocconi, Milan, Italy), 3 - 8 May 2009

Self Project

- 2023 Data Science Workflows in JavaScript, self-learning page from ObservableHQ. Link at: https://observablehq.com/@irhafidz/data-science-workflows-in-javascript-workshop-session1_july2023_observable
- 2022 Various open source, data science and data visualization workshop in Loughborough University PGR. Link at: <https://github.com/irhafidz/LBOROWorkshop>
- 2020 Creating UK visual map using geopandas in Python and Jupyter notebook for dataset from ONS UK named RF03EW (Location of usual residence and place of work) Link at: <https://github.com/irhafidz/PeopleFlux>

Project

- 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>
- 2018 Teenstagram 2, Social Network Analysis for high school Instagram users
- 2017 Teenstagram 1, Topic Modelling for Instagram caption
- 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://cekpoluti.addi.is.its.ac.id/pages/home.html>