

# 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 : 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>  
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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 MSc in School of Management & 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](mailto:R.S.Kalawsky@lboro.ac.uk) | <https://www.lboro.ac.uk/research/avrrc/people/>
2. **Nur Aini Rakhmawati, Ph.D.**, Associate Professor, Dept. of Information Systems, ITS, Indonesia Contact: [nur.aini@is.its.ac.id](mailto: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

## Training & Workshop

- 2021 **Data Study Group – The Alan Turing Institute (DSG) – LIDA (Leeds Institute of Data Analytics)**, Researcher/ PhD Student participant for OSNI Challenge, London/online, UK [link](#) 12 – 23 July 2021  
Pre-print accepted (team publication) for publication at Alan Turing website: “*Leveraging LiDAR and Street View Data for Road Feature Detection with OSNI*” (waiting for DOI from The Alan Turing Institute)
- 2021 **Collaborations Workshop 2021 (CW21)**, Software Sustainability Institute, London/online, UK <https://www.software.ac.uk/cw21> 30 March - 1 April 2021
- 2020 NVIDIA DLI (Deep Learning Institute) Certificate – Fundamentals of Deep Learning for Multiple Data Types [link](#) 10 Dec 2020
- 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 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
- 2017 The **CODATA-RDA Research Data Science Summer School**, 8-21 July 2017,  
**Applied workshops on IoT/Big-Data Analytics** 24-28 July 2017, both at The Abdus Salam, ICTP, Trieste, Italy
- 2017 **JuliaCon2017**, programming with Julia UC Berkeley, Berkeley, California, USA  
<https://juliacon.org/2017/> 20-24 June 2017
- 2017 **FOSSASIA 2017**, Science Centre Singapore, overseas volunteer, <http://2017.fossasia.org/> March 2017
- 2015 **AUN/SEED-Net - JICA, Management of Technology Course** – Universiti Teknologi Malaysia (Agustus, Kuala Lumpur), 2015
- 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” (Dept. Information Systems, 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

## Project

2018	Bakau app for Anita's Moonshot Codeathon 2018: app where a citizen can submit, manage, report about wildlife of a Mangroves area <a href="https://challengerocket.com/anitasmoonshot/works/bakau-903ce9">https://challengerocket.com/anitasmoonshot/works/bakau-903ce9</a>
2018	Teenstagram 2, Social Network Analysis for high school Instagram users
2017	Teenstagram 1, Topic Modelling for Instagram caption, <a href="#">paper here</a>
2016	BencanaVis: Project at <a href="https://bencanavis.shinyapps.io/bencana">https://bencanavis.shinyapps.io/bencana</a>
2016	LAPORnlp: Classification of citizen reporting/ aspiration from LAPOR! Dataset. Project at <a href="https://lapornlp.shinyapps.io/TA_LAPOR/">https://lapornlp.shinyapps.io/TA_LAPOR/</a>
2016	SurabayaNLP: Sentiment analysis official twitter account of Surabaya City Government. Project at <a href="https://surabayanlp.shinyapps.io/Visualisasi/">https://surabayanlp.shinyapps.io/Visualisasi/</a>
2015-2016	CekPolusi: visualization for air pollution data <a href="http://cekpulasi.addi.is.its.ac.id/pages/home.html">http://cekpulasi.addi.is.its.ac.id/pages/home.html</a>

## Paper & Written Works

List of paper and written works are available in GScholar

GScholar	<a href="https://scholar.google.co.id/citations?user=7LWDMRQAAAAJ&amp;hl=en">https://scholar.google.co.id/citations?user=7LWDMRQAAAAJ&amp;hl=en</a>
MSc Thesis	University of Twente, Student Theses, <a href="http://essay.utwente.nl/62920/">http://essay.utwente.nl/62920/</a>