

PERSONAL INFORMATION

MUHAMMAD IDIL HAQ AMIR



Busan Geumjeong-gu Jangjeon 1(il)-dong, Daehyeon Apartment, Room 302
 (+82) 10-2987-6354
 idilhaq08@gmail.com
 Skype idilhaq
 Sex Male | Date of birth 08/10/1993 | Nationality Indonesia

I am a graduate who is interested in business and technology related area to fully utilize my skill and broaden my experience

EDUCATION

2016 – 2019

Master of Science

Pusan National University (PNU) Busan, South Korea

Industrial Engineering Faculty of Engineering

GPA 4.02 of 4.50 Scale

Thesis A Framework for Evacuation Simulation in Nuclear Disaster from the Humanitarian Logistics Perspective

2011 – 2015

Bachelor of Information Systems

Institut Teknologi Sepuluh Nopember (ITS) Surabaya, East Java, Indonesia

Information Systems Department Faculty of Information Technology

GPA 3.63 of 4.00 Scale

Final Project Visualisation Application Development for Mosque Financial Report Using Linked Data and Crowdsourcing

WORKING EXPERIENCE

September 2016 – Present

Research Assistant

Engineering and Computational Optimization Laboratory (ECOLAB), Pusan National University (PNU)

- conducting research in disaster management and simulation, and producing the research paper
- involving in laboratory projects, workshops, and conferences
- working as a web developer and a person in charge of IT related issues

September 2014 – August 2015

Laboratory Assistant

eBusiness of Information Systems, Institut Teknologi Sepuluh Nopember (ITS)

- providing a comfortable environment in the laboratory for the lab members
- maintaining the laboratory issues related to the facilities
- involved in several activities to introduce the laboratory to other students

June 2014 – August 2014

Internship Trainee

PT. Swatama Mega Teknik

- maintaining computers and information technology tools
- maintaining the local network in the office
- conducting risk assessment and management for the future development of the company

ACHIEVEMENTS AND AWARDS

2018

A Hybrid Genetic Algorithm for Multi-emergency Medical Service Center Location-allocation Problem in Disaster Response

- Published on International Journal of Industrial Engineering: Theory, Applications and Practice

2017

An Agent-Based Simulation Framework In Nuclear Disaster Evacuation

- Published on GCTAOS 2017 Proceeding

2015

Visualisation Application Development for Mosque Financial Report Using Linked Data and Crowd-sourcing

- Published by ScienceDirect on ISICO 2015

Indonesian Healthcare Visualization

- Published on FIKI 2015

Finalist of Student Creativity Program for Society Category

- 2014
 - Pekan Ilmiah Mahasiswa Nasional 28 Kendari
 - 1st Place of Online Business Competition**
 - Information Systems Entrepreneur Day
 - 5th Place of Business Model Competition**
 - IPB Business Festival (IBF)
- 2011
 - Awardee of PBSB Scholarship for Undergraduate Study**
 - Ministry of Religious Affairs, Indonesia

PROJECTS

- 2016 - 2018
 - Optimization and Validation for Emergency Evacuation Planning against Radioactive Disasters**
(원자력 재난 비상 소개 계획 최적화 연구 및 평가 체계 구축)
 - Web Based Simulation Tool Development for Nuclear Disaster Evacuation
 - Twitter Analysis for Nuclear Disaster Evacuation
 - Research Projects – Funded by National Research Foundation (NRF) Korea
- 2015
 - Open Data Zakat Infaq Shodaqoh (ZIS)**
 - Information System for financial reporting of Zakat Infaq Shodaqoh for Mosque and Moslem Community in Indonesia
 - Final Project – Information Systems Department
- 2015
 - eCabe – Hackathon Merdeka 1.0**
 - Information System for Price Monitoring of Chili in Indonesia as a Project in Hackathon Merdeka 1.0 in Jakarta, Indonesia
 - Hackathon Project
- 2015
 - Santri Transformers**
 - Robot Training Program for Student In AI - Badar Islamic Boarding School, Parepare, South Sulawesi
 - Social Dedication Program – Funded by DIKTI
- 2015
 - Open Data Kesehatan**
 - Information System for Healthcare Data Visualization in Indonesia
 - Social Dedication Program – Funded by DIKTI

PERSONAL SKILLS AND INTEREST

- Mother tongue(s) Indonesian
- Other language(s) English **TOEIC** 895 **TOEFL ITP** 575
Korean **Intermediate** Course
- Hobby(s) Photography, Football, Traveling
- Personal skills
 - Good at presentation and public speaking
 - Easy going and open minded
 - Good at maintaining relation and making friends
 - Interested in Business and Information Technology related

COMPUTER SKILLS

- Programming Java, PHP, JavaScript
- Web Development NodeJS, HTML, CSS
- Database MySQL, SQL Server, PostgreSQL, MongoDB
- Operating System MS Windows, Linux (Ubuntu), iOS
- Design Adobe Photoshop, Corel Draw, GIMP, LightRoom, Microsoft Visio
- Data Analysis and Simulation SPSS, Matlab, Minitab, PlantSIM, Anylogic, Vensim, Arena
- Office Tool Microsoft Word, Microsoft Excel, Microsoft Power Point, Microsoft Project