

PERSONAL INFORMATION



MUHAMMAD IDIL HAQ AMIR

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- 📅 Date of birth: 08/10/1993 | Nationality: Indonesian

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

EDUCATION

2016 – 2019

Master of Science

Department of Industrial Engineering, Faculty of Engineering
Pusan National University (PNU) Busan, South Korea

- GPA 4.02 of 4.50 Scale

2011 – 2015

Bachelor of Information Systems

Department of Information Systems, Faculty of Information Technology
Institut Teknologi Sepuluh Nopember (ITS) Surabaya, East Java, Indonesia

- GPA 3.63 of 4.00 Scale

WORKING EXPERIENCE

September 2016 – March 2019

Researcher

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

- published research papers in disaster management and simulation topic
- participated in laboratory projects, workshops, and conferences
- developed a web based simulation tool for a nuclear disaster evacuation
- developed a Twitter analysis tool for evacuation information mining during a disaster

September 2015 – July 2016

Information Technology Support

Al-Badar Foundation

- developed an information system for the new student registration
- designed a marketing tool through online and offline advertisement
- successfully promoted the school by the increasing number of students during 2016

July 2015 – September 2015

Data Analyst

Donbaka Creative Studio

- gathered the raw data and analysed it as a useful information
- clustered and visualized the data as a web based application
- developed a web based analysis for chili price visualization in Indonesia during a Hackathon event

May 2014 – September 2015

Online Marketing Manager

MixYourStyle, an online shop with a 'mix and match' feature

- designed an online marketing strategy
- conducted a market research and product analysis based on the trend
- developed an online shop with the feature 'mix and match'

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

- developed a knowledge management system to help the employees solving IT related issues
- maintaining the local network in the office
- conducted a 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 on ISICO 2015
Indonesian Healthcare Visualization
▪ Published on FIKI 2015
Finalist of Student Creativity Program for Society Category
▪ Pekan Ilmiah Mahasiswa Nasional 28 Kendari
Participant Team (Information System for Price Monitoring of Chili in Indonesia)
▪ **Hackathon Merdeka 1.0**
- 2014 **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

ORGANIZATION/VOLUNTEER

- 2017 – 2019 **PNU Indonesian Student Organization (PNU-ISO) Korea**
Vice President
- 2017 – 2019 **Indonesian Muslim Student Society in Korea (IMUSKA)**
▪ Staff of Information & Media Department
▪ Head of Information & Media Department
- 2016 – 2019 **Naeunnuri (Education-Focused Community Organization) Korea**
Indonesian Student Representative
- 2015 – 2016 **Al-Badar Islamic Boarding School**
Lecturer and Media Coordinator
- 2012 – 2014 **Community of Santri Scholars of Ministry of Religious Affairs (CSSMoRA ITS)**
▪ Staff of Kominfo Department
▪ Head of Kominfo Department
▪ Media and Publication Team of Istiqomah Magazine
- 2012 – 2013 **Kajian Islam Sistem Informasi (KISI) ITS**
Staff of Mentoring Department

SKILL 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

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