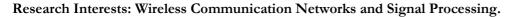
Fandi A. Wiranata

fandi.z.w@gmail.com

https://www.linkedin.com/in/fandi-a-wiranata/

http://fandiazam.github.io/ https://github.com/fandiazam





EDUCATION

2018 - Institut Teknologi Bandung (ITB), Bandung, Indonesia

Present Telecommunications Engineering Undergraduate, School of Electrical Engineering and Informatics.

3rd Year.

PUBLICATIONS

2020 Fandi A. Wiranata, Wervyan Shalannanda, Rahmat Mulyawan, and Trio Adiono. Automation of Virtualized 5G Infrastructure Deployment Using Mosaic 5G Operator over Kubernetes Supporting Network Slicing in International Conference on Telecommunication Systems, Services,

and Applications (TSSA'14).

TALKS

Automation of Virtualized 5G Infrastructure Deployment Using Mosaic 5G Operator over Kubernetes Supporting Network Slicing at International Conference on Telecommunication Systems, Services, and Applications (TSSA) in Bandung, Indonesia.

EXPERIENCE

Jan 2021

AUN-KU Winter Course at Kyoto University (Accepted)

Exchange student- Kyoto, Japan

- o Student Mobility Program toward Human Security Development (HSD) that's designed for undergraduate students to study the concept of HSD and Energy Science.
- o As one of 25 selected students from 10 countries that are members of the ASEAN University Network (AUN).

Sep 2020 -

Internship at Xirka Silicon Technology

Oct 2020

Internship student- Bandung, Indonesia

- o Developed Virtualized 5G Infrastructure using OpenAirInterface (OAI) on Xirka resources
- o The Virtualized 5G Infrastructure also support Radio slicing

Jul 2020 -

Research Internship at NTUST, Taiwan

Aug 2020

Research student- Taipei, Taiwan

- Worked on Mosaic5G Project. Mosaic 5G is an ecosystem of open-source projects for studying, building, and sustaining open flexible and integrated 5G networks.
- O The general idea of this project is to integrate Mosaic 5G with several platforms, i.e. OAI, Kubernetes, ElasticSearch, and Operator SDK to create virtualized 5G infrastructure.
- o Supervised by Prof. Ray-Guang Cheng.

Jan 2020 -

Pre-Research Intern at NTUST, Taiwan

Mar 2020

Research student— Bandung, Indonesia

- o This is a remote research mentorship program for talented International students in collaboration at BMW Lab, NTUST.
- Focused on studying LTE and 5G Architecture and having weekly report and assignment that teach me to stay productive. Supervised by Prof. Ray-Guang Cheng.

Jun 2019 -

Telecommunications Student Association

Present

Member of academic division- ITB

- o Be the part of the highest executive organization at Telecommunications Engineering major who manage and run students.
- o I made exercise books to improve student academic.

Oct 2018 -

Syamsi Dhuha Foundation

Present

Member (Volunteer) - Bandung, Indonesia

- o Syamsi Dhuha Foundation (SDF) is an NGO that care on lupus and low vision. SDF was awarded Sasakawa Health Prize 2012 for having innovative programs.
- Managed and run the biggest World Lupus Day and World Sight Day celebrations in Indonesia. Inspired the other members to keep doing their best although they have some disease that restrict their ability.

TEACHING ASSISTANT

TEACHIN	NG ASS	SISTANT	
ET2103	o (
EL1200	 Introduction to Circuit Analysis Course, at ITB. Given 2 hours/week to teach 1st-year students the basic concepts of electric circuits. I made exercise and homework for students every week, Under Dr. Eng. Achmad Munir, S.T., M.Eng. 		2020
COMPET	ITION	TS .	
1 st Place	Service	awei ICT Competition National Level at Cloud Track (i.e. Cloud Computing, Cloud vice, Big Data, storage, and AI). Next, representing Indonesia's Cloud team for vicinal Asia-Pacific.	
3 rd Place	Huaw Cloud	Huawei ICT Competition Preliminary Stage at Cloud Track (i.e. Cloud Computing, Cloud Service, Big Data, storage, and AI). Representing ITB's Cloud Team for National level.	
3 rd Place	Natio to opt	National Paper Writing Competition at State University of Surabaya. We built a reactor to optimize industry's air pollution filtration using NaOH supporting monitoring and alert systems.	
1st Place	Sustai	Sustainability Drives Innovation at University of Malaya, Malaysia. We created a green paddle efficiency design to improve the performance of boat.	
3 rd Place	Intern IoT sy	International Idea Competition at Bandung Institute of Technology (ITB). We built an IoT system to solve the garbage problem with Integrating The Eco-Friendly Trash Can and GoTrash Application. International Level.	
1st Place	National Essay Writing Competition at Bandung Institute of Technology (ITB). We initiated a system to optimize waste that is Integrated Waste Quality Monitoring System.		2019
1st Place	Industrial Engineering Scientific Fest'19 at University of Singaperbangsa Karawang, Indonesia. We initiated a Snails (Achatina Fullica) Application as Aggressive periodontitis Prevention Materials (Bone Graft).		2019
4 th Runner up		Industrial Engineering Scientific Fest'19 at University of Singaperbangsa Karawang, Karawang, Indonesia.	
Semifinalist		National Paper Writing Competition at Indonesian Institute of Sciences (LIPI). As one of 20 selected papers from 3500 papers in social and behavioral sciences topic.	
Finalist	Industrial Automation and Robotic Competition at Institut Teknologi Sepuluh Nopember (ITS).		2016
Finalist	Natio	National Paper Writing Competition at Indonesian Institute of Sciences (LIPI). We built a tool to optimize industry's air pollution filtration using Ca(OH) ₂ .	
Semifinalist 1st Place	Natio Natio	National Paper Writing Competition at Diponegoro University, Semarang. National Paper Writing Competition at State Polytechnic of Malang, Indonesia. We built a tool that utilize gravity and gear optimization to create renewable electricity.	
ACHIEVI	EMEN'I	гѕ	
Scholarship		ted scholarships for monthly expenses from the following organizations: SDF asi Dhuha Foundation).	2020
Scholarship Granted a full scholarship for my tuition fees of		ted a full scholarship for my tuition fees during my study in Institut Teknologi ang. The details can be looked at the official website: www.itbuntuksemua.com.	2018
SKILL CE	ERTIFIC	CATION	
Cloud Computing		HCIA-Cloud Computing from Huawei. Capable of collaborating in the	2020
Cloud Service		deployment and O&M of cloud computing with virtualization technology. HCIA-Cloud Service from Huawei , have mastered cutting-edge knowledge and skills of public cloud and are proficient in using Huawei cloud service products.	2020
Artificial Intelligence		HCIA-AI from Huawei . Capable of using AI, machine learning, deep learning and other technologies to achieve the design, development and innovation of AI products and solutions.	2020

TECHNICAL SKILLS

ML/AI Tensorflow

IoT Worked in projects using Arduino and NodeMCU

PL Experienced in projects using Arduino IDE, C, Python, Haskell, and Golang

Database Familiar with Hadoop, Hive, and MySQL

DevOps Huawei-Cloud, Kubernetes, Docker, OpenAirInterface, and Mosaic5G

Networking Routing & Switching and Cloud Computing

I declare the details stated to be true and complete. (CV updated on December 26, 2020)