

# Iga Narendra Pramawijaya

Denpasar, Bali, Indonesia



hi@iganarendra.my.id



[linkedin.com/in/iganarendra](https://www.linkedin.com/in/iganarendra)

## Summary

Quarter time musician and podcaster, part time coder, full time learner

## Experience



### Research Assistant

i-Smile Laboratory

Nov 2020 - Present (9 months +)

We create research, compete at various data science competition, and share knowledge about data science, machine learning, and artificial intelligence in scope of electrical and computer engineering



### Machine Learning Student

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Feb 2021 - Present (6 months +)



### Chief of Telecommunication Science Association (TOSCA)

HMTT Telco Tel-U

Dec 2020 - Present (8 months +)

TOSCA is a semi-autonomous body in HMTT Telco that concerns in academic and research competition. In this role I manage ongoing research, essays, call for papers, various competitions, funding management, and human resource management.

During my period of service, I promise to excel TOSCA performance that previously affected during COVID-19 pandemic. I really seek to relieve TOSCA's glory days in 2019



### Software Developer

Basic Computing Laboratory | Telkom University

Aug 2020 - Present (1 year +)

In this responsibility, one of my major role is to create, maintain, guarantee, and operate online practicum website. (<https://www.daskomlab.com>) I responsible to the website as full-stack developer, so I maintain every single detail. We use Laravel, Vue.js, socket.io, and tailwind css as our standard tech-stack.

Outside of website development, my role is also to create mobile application and APIs connection from and to the website.



### Practicum Assistant

Basic Computing Laboratory | Telkom University

Aug 2019 - Present (2 years +)

Here, with other assistants I teach electrical, telecommunication, and physics engineering freshmen how to code and implement useful basic algorithm. My responsible is to create high quality programming problem-set based on daily life situation. We use C programming language as our primary, but we're also able to deliver algorithm in various languages such as Python, PHP, etc



## **Research and Logistic, Telecommunication Science Association (TOSCA)**

HMTT Telco Tel-U

Oct 2018 - Aug 2019 (11 months)

TOSCA is a semi-autonomus body in HMTT Telco that concerns in academic and research competition. In this role I manage ongoing research, essays, call for papers, and various competitions.

During my service, TOSCA achieved 2nd Place in National Essay Writing competition In Bali, Invitation to innovation competition in Hong Kong SAR, Gold Medal in Japan Design Invention Expo, and Special Award from Highly Innovative Unique Foundation (Saudi Arabia).

## **Education**



### **Telkom University**

Bachelor's degree, Telecommunications Engineering

2018 - 2022



### **SMA Negeri 3 Denpasar**

Science and Mathematics

2015 - 2018

## **Licenses & Certifications**



### **Google IT Support Specialization - Coursera**

HVTUX7JZRDF8



### **Google IT Automation with Python Specialization - Coursera**

XJAA9NS6PXJV



### **Python 3 - Sololearn**



### **PHP - Sololearn**



### **Mathematics for Machine Learning Specialization - Coursera**

L2TYBYXAW93T



### **DeepLearning.AI TensorFlow Developer Specialization - Coursera**

82KDAWDAPCK8



### **TensorFlow: Data and Deployment Specialization - Coursera**

## Skills

Engineering • English • Research • Analytical Skills • Communication • Python (Programming Language) • C (Programming Language) • PHP • Project Management • Pascal

## Honors & Awards



### **Gold Medalist** - Japan Design Invention Expo

2019

This is the 2nd Version of BANANY. It has all of the features from the previous version with various interesting upgrades.

-Now BANANY's wireless network able to share internet connection. Connect BANANY to LAN with internet connection and it will act as an access point and logical NAS

- Powered with deep learning to classify backed up photos.

- Transfer speed upgrade up to 25 Mbps

- Lighter designs with reinforced acrylic case, SSD support, and better passive cooling air circulation



### **Special Award** - Highly Innovative Unique Foundation (Saudi Arabia)

2019

Given alongside gold medal in Japan Design Invention Expo. Awarded for favourite idea in IoT and Embedded System



### **Bronze Medalist** - Malaysia Technology Expo

2018

Given for 1st Generation of BANANY

This tool is located in a box where in the box there is already a hard drive with a slot that can read SD cards. This tool uses a power bank as its resource. This tool can move data from the camera's SD Card to the hard drive automatically. The speed when doing this is 2.2 MBps. In addition to moving data to the hard disk, this tool can also transfer data using Wi-Fi, so that data can be transferred directly. Data transfer speed when using Wi-Fi is 1.6 MBps.



### **Special Award and Direct Invite** - Croatian INOVA

2018

Given Alongside bronze medal in Malaysia Technology Expo. Awarded as favourite invention



### **National 2nd Best Jingle Creation** - Indonesia Ministry of Energy and Mineral Resource

A song meant to spread good message to save energy consumption



**National Finalist National Young Inventor Awards** - Lembaga Ilmu Pengetahuan Indonesia (LIPI)

2017

LIPI annually held scientific paper and invention awards. Our team Selected to delegate Bali in our invention to decrease parent's anxiety about their children status and location.



**5th Champion in Telecommunication Olympiad** - Telecommunication Student Union ("SIGNUM") Bandung Institute of Technology

May 2017

Telecommunication olympiad consists of computer science, mathematics, and physics.