

# LET'S CREATE SOMETHING GREAT

I make software that revolve around  
machine learning and computer vision  
with unique interface

LET'S TALK



## ABOUT ME

### WHO AM I?

Hello, my name is Hasby Fahrudin. I was born and raised in Indonesia. In the moment i live in Surabaya, Indonesia while studying Electical Engineering at Institut Teknologi Sepuluh Nopember.

I'm enthusiast, energetic, and hardworking student who have passion in software development. I develop my skills through self study and making collaboration project to challenge myself. I'm on final year of my bachelor degree and i already finish my thesis so i fill my time by doing interesting software project. For my career, I would love to be a part of organization where i have good personal and professional growth.

### EDUCATION

2015-Present

**Institut Teknologi  
Sepuluh Nopember**

**Electrical Engineering**

Focused on computer vision and machine learning

### EXPERIENCE

2017-Present

**ELECTRONICS LAB at  
Institut Teknologi  
Sepuluh Nopember**

**Laboratory Assistant**

Facilitate other student to do their practice courses and involved on profesor project

August - September  
2018

**PT. Pembangunan  
Jawa Bali**

**Student Internship**

This program let us experienced what kind of work that engineer do in the field

July - August 2018

**GKS ASEAN 2018 in  
Seoul**

**Participant**

Selected student from reputable university in South East Asia given a chance to study engineer in Korea for 1 month

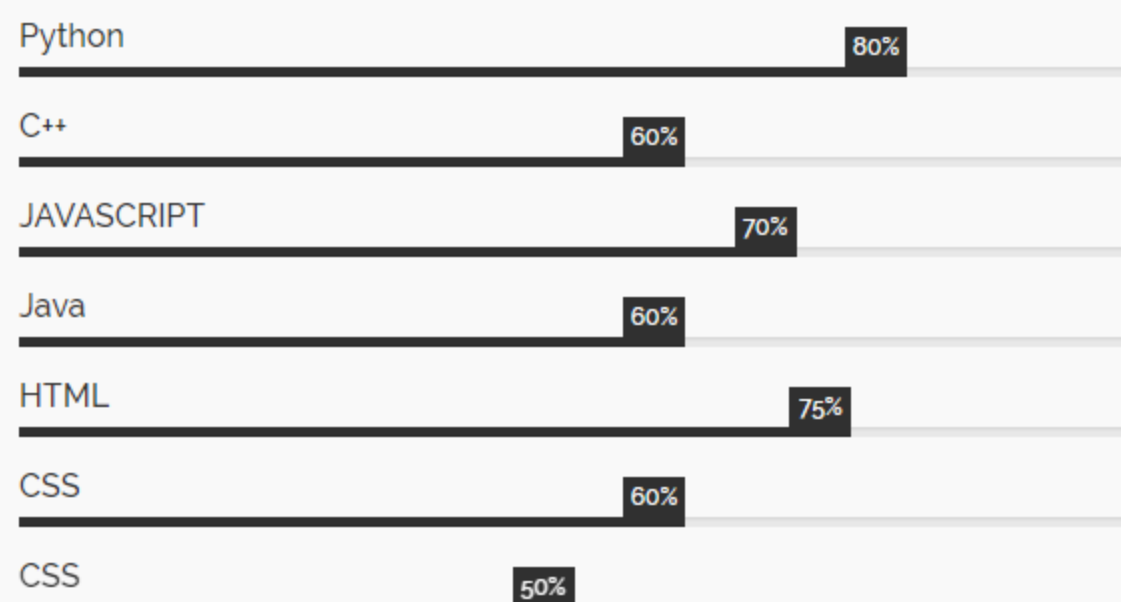
2016

**Gerakan 1000 Startup  
Digital**

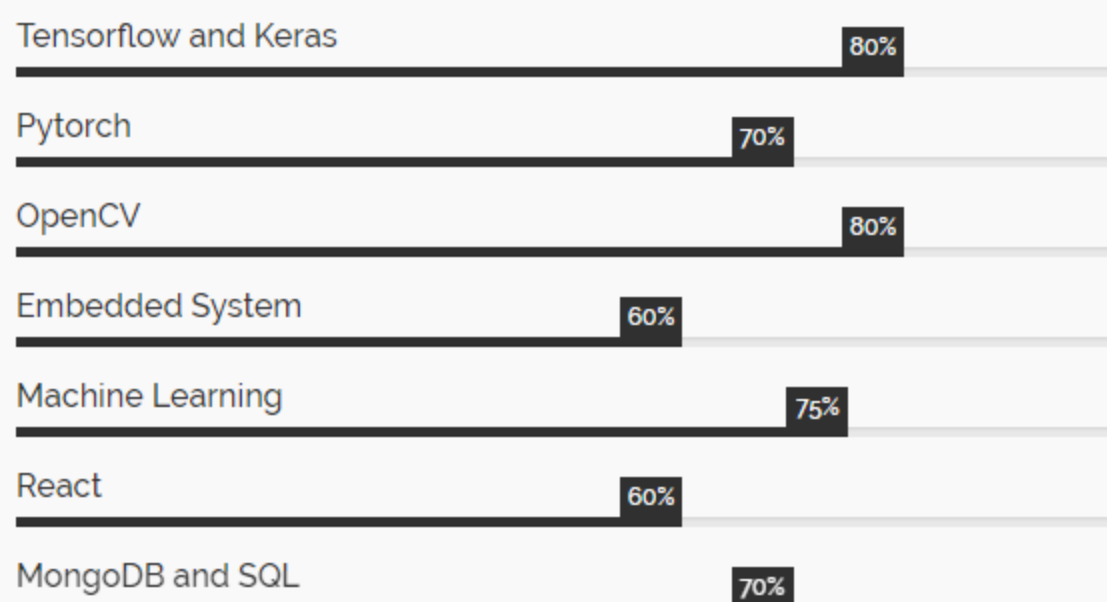
**Semifinalist Programmer**

Movement that supported by Ministry of Communications and Informatics of Indonesia to develop ecosystem of technology in Indonesia.

### Programming Language



### Other Skills



# WHAT I DO



## COMPUTER VISION

Making intelligence software by utilizing computer vision field.



## SOFTWARE DESIGN

Envisioning and defining software solutions to one or more sets of problems .



## EMBEDDED SYSTEM

Applying embedded system to solve real world problem by implementing intelligence system in it .



## MACHINE LEARNING

Making efficient machine learning model and implementation on various platform with considering it's performance.

# AWESOME WORKS



## TREX AI

AI (based on reinforcement learning) that can play well known time-killer browser game, "dinosaur game".



## FLOWER CLASSIFIER

Web based application to classify species of the flower (tulip, sunflower, rose, dandelion, and daisy) using 3 deep learning architecture to improve the accuracy.



## FAST EMOTION RECOGNITION

Emotion recognition model that can works on low spec devices, fast, and acceptable accuracy.



## DESKTOP NAVIGATOR WITH HAND MOTION

Navigating desktop with hand movement based object detection by it color. Can be used to navigate through power point to make your slide to be more interactive.



## CLOWN FILTER

Inspired by snapchat dog filter. Using facial landmark to turn your face into clown in live feed.



## TIC TAC TOE - ANDROID

Tic tac toe with simple UI design on your android devices.



## BUDGETY APP

Wallet management based on web application.

## CONTACT ADDRESS



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<https://hfahrudin.github.io/>