

# HASBY FAHRUDIN

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



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## Education

**Institut Teknologi Sepuluh Nopember**  
Bachelor Degree (2015-2019)  
Electrical Engineer

**Seoul National University of Science  
and Technology**


Master Degree(2020-present)

Electrical and Information Engineering

## Interest

- Computer Vision
- Artificial Intelligence
- Software Design
- Embedded System

## Contacts

 Seoul, South Korea

 +82-10-9263-9808

 fahrudinhasby12@gmail.com

## Experiences

## GKS ASEAN 2018 Participant

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

## Electronics Laboratory Assistant (2017-2019) at Institut Teknologi Sepuluh Nopember

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

## Software Test Engineer (2019-Present) at IDEMIA LABS

Ensuring IDEMIA Labs product performing properly while develop supporting tools.

**Research Assistant di Seoul National University of Science and Technology (2020-Present)**

Research Assistant in Wireless Networking Laboratory. Focused on machine learning and VR Project.

## Skills

Python TensorFlow

C++ OpenCV

C# CUDA

## Highlight Projects

## PUBLICATION

- H Kusuma, M Attamimi, H Fahrudin, "**Deep learning based facial expressions recognition system for assisting visually impaired persons**", in Bulletin of Electrical Engineering and Informatics 9 (3), 1208-1219

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**TREX AI**

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

## Facex : Facial Expression Classifier Python API

Emotion recognition python API that can works on low spec devices, fast, and acceptable accuracy powered by Tensorflow.