

# 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



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## 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)

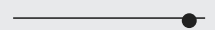
Research Assistant in Wireless Networking Laboratory. Focused on machine learning and VR Project.

## Skills

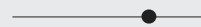
Python



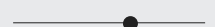
TensorFlow



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

### 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.