# **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**



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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**

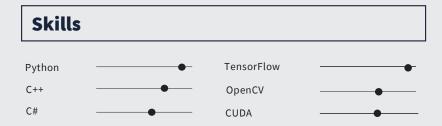
Facilitate other student to do their practice courses and involved on professor project.

#### 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.



# **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

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.