

# SULAIMAN ALI

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## PENDIDIKAN

**INSTITUT TEKNOLOGI SEPULUH NOPEMBER** 2016-2019  
D3 Teknik Elektro Otomasi  
IPK : 3.41  
Tugas Akhir : Rancang Bangun Underwater Remotely Operated Vehicles  
Untuk Lingkungan Air Tawar

**INSTITUT TEKNOLOGI SEPULUH NOPEMBER** 2019-Sekarang  
S1 Teknik Fisika  
IPK : 3.33

## PRESTASI DAN PENGHARGAAN

- 1st place of LAI2-COVID19 Sub Robot, Ditmawa ITS
- Mahasiswa berprestasi Adhiwiramukti ITS 2020
- 1st place of Kontes Robot ABU Indonesia 2020 2020
- The best strategy of Kontes Robot ABU Indonesia 2020
- Praktis dan Aman Kontes Robot Tematik Indonesia 2020
- 1st place of Robocup International 2019, Technical Challenge Humanoid Teen Size, Sydney, Australia
- 3rd place of Robocup International 2019, Humanoid Robot Soccer Teen size, Sydney, Australia 2019
- 3rd place of Robocup International 2019, Technical Challenge Humanoid Kid Size, Sydney, Australia
- Appreciation from Indonesia's Ministry of Youth and Sports as "Pemuda Hebat"
- 1st place of Robocup International 2018, Humanoid Robot Soccer Teen size, Montreal, Canada
- 2nd place of Robocup International 2018, Drop in Challenge Humanoid Teen size, Montreal, Canada
- 2nd place of Robocup International 2018, Technical Challenge Humanoid Teen Size, Montreal, Canada
- 3rd place of Robocup International 2018, Best Humanoid Robot, Montreal, Canada
- 1st place of FIRA RoboWorld Cup 2018, Sprint Humanoid Kid Size Robot, Taichung, Taiwan 2018
- 1st place of FIRA RoboWorld Cup 2018, United Soccer Humanoid Kid Size Robot, Taichung, Taiwan
- 2nd place of FIRA RoboWorld Cup 2018, Obstacle Run Humanoid Kid Size Robot, Taichung, Taiwan
- 2nd place of FIRA RoboWorld Cup 2018, Mini DRC Humanoid Kid Size Robot, Taichung, Taiwan
- 3rd place of FIRA RoboWorld Cup 2018, All Round Humanoid Kid Size Robot, Taichung, Taiwan
- 3rd place of "Mahasiswa Berprestasi Vokasi 2018" Institut Teknologi Sepuluh Nopember
- 1st place of Kontes Robot Indonesia (KRI) 2017 Humanoid Robot Soccer Competition, Regional Level East and Central Java
- 2nd place of KRI 2017 Humanoid Robot Soccer Competition, National level in Bandung, Indonesia
- 2nd place of FIRA RoboWorld Cup 2017, Sprint Humanoid Adult Size Robot, Kaoshiung, Taiwan
- 2nd place of FIRA RoboWorld Cup 2017, Obstacle Run Humanoid Adult Size Robot, Kaoshiung, Taiwan 2017
- 2nd place of FIRA RoboWorld Cup 2017, Mini DRC Humanoid Adult Size Robot, Kaoshiung, Taiwan
- 3rd place of FIRA RoboWorld Cup 2017, All Round Humanoid Adult Size Robot, Kaoshiung, Taiwan
- 3rd place of FIRA RoboWorld Cup 2017, Marathon Humanoid Adult Size Robot, Kaoshiung, Taiwan



## SKILL DAN PENGALAMAN

### Internship

PT Jasa Marga IoT Lab Agustus-September 2020

PT Cinovasi Rikaprima September 2018 - January 2019

### Tools & Application

Mechanical

Design 3D Inventor, Fusion

Electronic

Design PCB, System Embedded,

Microcontroller, Arduino, Proteus Simulation

Design and Editing

Sony Vegas, Corel Draw

### Programing Languages:

C/C++, C#

### Languages:

Indonesia (native)

English

### Research Interest:

Artificial Intelligence, Robotics, Internet of Things, Mechatronics, Automotive Electrical System, Automation.

## AKTIFITAS DAN ORGANISASI

**Intrumen Control Optimization**, Surabaya 2020-2021

**Potition**, Assistant Laboratory

**ITS ABU Robocon Robotics Team**, Surabaya 2019-2020

**Potition**, Programming & Electronics Co-Lead

**Sekolah Robot Indonesia** 2019-2020

**Potition**, Teacher

**ICHIRO Humanoid Robot Soccer Research**

**Team of ITS**, Surabaya 2018-2019

**Potition**, Team Leader

**ICHIRO Humanoid Robot Soccer Research**

**Team of ITS**, Surabaya 2017-2019

**Potition**, Electrical & Mechanical Division

**Event IARC Industrial Automation Robotic**

**Competition**, Surabaya 2018

**Potition**, Line Tracer Mikro

**Event ILTC EPW Indonesian Line Tracer**

**Competition**, Surabaya 2017

**Potition**, Wasit of Line Tracer Mikro

**Event IARC Industrial Automation Robotic**

**Competition**, Surabaya 2017

**Potition**, Line Tracer Mikro