



Nico Halisno

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About Me

A passionate and energetic mechatronic engineering student at UCSI University with hands-on experience in circuit design, mechanical design, programming languages, and machine learning algorithms. My passion is creating an intelligent system that is smart, cheap, eco-friendly, easy to control and beneficial for humankind.

Skills

- | | | |
|--------------|-------------------|------------------------------|
| • SOLIDWORKS | • PSpice | • Arduino |
| • AutoCAD | • Multisim | • ESP32 |
| • C++ | • Simulink | • Raspberry Pi |
| • Python | • Orange | • Machine Learning Algorithm |
| • MATLAB | • TensorFlow | |
| • HTML | • Microsoft Word | |
| • JavaScript | • Microsoft Excel | |
| • CSS | • Node-RED | |

Internship Experiences

CV. RIAU BERLIAN (Riau, Indonesia)

Helper Mechanic (6 September 2021 – present)

- Doing maintenance for the motorcycle.
- Disassembling and reassembling the motorcycle parts.
- Identifying and solving the problem of the motorcycle.

Co-Curriculum Experiences

Vice President of IEEE HKN Mu Alpha UCSI University Chapter (September 2021 – present)

- Assisting the president of IEEE HKN Mu Alpha.
- Leading the IEEE Student Branch in UCSI University.
- Helping in liaising between the organization with the lecturers and the industry.
- Conducting an event related to Electrical Engineering or Computer Engineering.

Vice President of UCSI University Robotic & AI club (September 2021 – present)

- Assisting the president of Robotic & AI club.
- Forging a bond between UCSI University students with robot-driven industries and researchers.
- Conducting an event related to robotic and artificial intelligence.

Liaison Team of UCSI University IET on Campus (September 2020 – September 2021)

- Liaising body between UCSI IET on Campus with the lecturers and the industry.
- Forging a bond between UCSI IET on Campus with the other engineering club in UCSI University.

Programme Team of UCSI University Robotic & AI club (September 2020 – September 2021)

- Conducting event related to robotic and artificial intelligence.
- Finding speaker for the event.

Project

Smartphone Based Multimeter *SOLIDWORKS, Android Studio, EasyEDA, TinkerCAD*

shorturl.at/pCFZ0

Creating a multimeter that can be control and connected via USB to the phone. Learnt how to create the casing box with SOLIDWORKS, Creating PCB circuit by using EasyEDA and creating the software by AndroidStudio.

Creating Website *JavaScript, html, CSS*

<https://github.com/NicoXcidator/Creating-Xcidator-Website>

Creating a modern look of website which have two interface, desktop interface and mobile phone interface by using html, JavaScript, and CSS.

Laptop Table *AutoCAD*

<https://github.com/NicoXcidator/Laptop-Table>

Creating laptop table that have a lot of smart features, such as cooling system, portable and user-friendly.

Education

UCSI University (September 2019 - present)

Mechatronic Engineering – CGPA 3.94

- 4 years scholarship student.
- Active in a lot of clubs and volunteering in several charity event.
- Dean's list in January 2020 semester and May 2020 semester.

Kalam Kudus High School Pekanbaru (July 2016 – July 2019)

Science Major

- Became the first student council president that created a big event (Kalam Kudus Cup) that invited most of the schools in Pekanbaru.
- Achieved the second highest national examination marks in Kalam Kudus High School Pekanbaru

Awards

Dean's list January 2020

Getting 3.5++ CGPA in January 2020 Semester

Dean's list May 2020

Getting 3.5++ CGPA in May 2020 Semester

References

Ir. Dr. Mahmud Iwan Solihin, Associate Professor

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