



Graduated in **Electrical Engineering (S1)** from Krida Wacana Christian University. Working with a background as a development engineer, I assembling and designing electronic and communication based systems informatics and build software to deal with Technology development towards Industry 4.0 and also working as Back End Engineer.

HANS PARSON

Experience

Research and Development - 2018 to 2022

Internship Staf Research and Development - PT. Elsiscom Prima Karya (internship)

- Quality Control for sound system equipment at the Toa company. Designing the right SD Card resilience system used by the company's system.

Staf Research and Development - Pusat Teknologi Informasi Universitas Kristen Krida Wacana

- Designing a door access device with an absent system for students with student card using an RFID reader system.
- Create a student id card database system (MySQL) that is connected to the door for access.
- Assistant Lecturer for Microcontroller, Electrical Circuits and PLC courses.
- Create Robot for Contest including (Industrial Robot, KRI, wheather station etc).

Aplicant Engineer – PT.Pratama Graha Semesta

- As an Applicant Engineer in providing an explanation of the product sensors that will be offered to the Client.
- Installation of the AWS (Automatic Weather Station) system in Bandung.

Research and Development – PT. Favorit Teknologi Bangsa

- Designing a door access device with a body temperature recognition system that monitored via the website for indoor room capacity limitations dealing with the Covid-19 pandemic.
- Create a database of the number of visitors and their body temperature.

Research and Development – PT. Percepatan Anugerah Terang Global

- Designing a 360 product photography tool device with an OCR (Optical Character Recognition) system for retrieving product writing data with photos and storing MySQL and php databases.
- Create RGB LED Projects for visualization and photos.

Back End Developer – PT. MNC Teknologi Nusantara (MotionPay)

- Develop and Maintenance Aplication as a Backend with Python Code.
- Working With Many Merchant to Make Integration on Aplication.
- Working With RestAPI, Database (reational or iredational DB), Server VPS, Docker Container, and Gitlab for code Versioning.

Education

Bachelor of Engineer: Electrical Engineer – November 2019
Universitas Kristen Krida Wacana, Jakarta

Certifications

Contest and competition:

- KRI (Kontes Robot Indonesia) 2019
- Digital Lounge Hackaton Festival 2020 Telkomsel
- PLC Maranatha 2018

Certification :

- Basic course to create a website (pre-employment program).
- Permodam Aplication Copyright from Direktorat Jenderal Hak Kekayaan Intelektual

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Skill Highlights

- Python, C, C++, HTML(basic), java(basic), Golang(basic)
- Android Studio
- Database MySQL/Postgree and PHP, MongoDB
- Image Processing (OpenCV)
- Robotics
- Embeded system
- Internet of Thing's
- 3D Design (SolidWorks)
- PCB Design (Eagle PCB)
- Sensor Programing
- Linux base (Ubuntu)
- PLC (Program Logic Control)
- Docker Container
- Git

Languages

Indonesia – Advance

English – Intermediate