

Muhammad Fakhri Putra Supriyadi

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EDUCATION

TELKOM UNIVERSITY

BENG IN ELECTRICAL ENGINEERING
Expected Feb 2022 | Bandung
Current GPA: 3.33

LINKS

Github:// fakhrip
YouTube:// Daskom1337
Twitter:// Oxfa1

COURSEWORK

UNDERGRADUATE

Algorithm and Programming in C
Microcomputer
Artificial Intelligence
IoT Device Programming
System on Chip
Robotics

SKILLS

PROGRAMMING

Over 5000 lines:
Android (Java) • Python • JavaScript
C • PHP
Over 1000 lines:
Kotlin • MySQL • Bash
Familiar:
SystemVerilog • C++ • Assembly
GraphQL • NoSQL

HACKING

Web Penetration Testing • Forensic
Analysis

TECHNOLOGY

Git • Linux • Automation • Embedded
System • FPGA • Firebase • Docker
Github Actions CI/CD

ACTIVITIES

PRESENT

Community Mentor @Daskom1337
CTF Player @(mendung)10^6

PAST

Practicum Assitant @DaskomLab

EXPERIENCE

PT. SAGARA ASIA TEKNOLOGI | SOFTWARE DEVELOPER INTERN

June 2020 – July 2020 | Bandung

- Created automation in python using Wordpress API to upload post extracted from .csv file.
- Contributed to the frontend (using Quasar Framework) and backend (using Laravel) development for an interior architectural company website.

PT. TELKOM KARAWANG | SOFTWARE DEVELOPER INTERN

June 2019 – July 2019 | Bandung

- Worked with software development team to create internal tools that will be use for many purpose throughout the whole system, such as marketing and engineering.
- Created a dashboard provisioning website to ease the manager to provision the system load within any range of time.
- Created UNSC (prospective customers that have not installed Indihome network service) tracker to ease the marketing department for looking at which location have the most opportunity to install Indihome network service.

PT. AEGIS ULTIMA TEKNOLOGI | JUNIOR ANDROID DEVELOPER INTERN

June 2016 – September 2016 | Bandung

- Created an android application to make not just reminder for shalat (Islam Prayer), but also can find some places nearby such as police station, hospital, etc using Google Maps API and recognize user activity using Google Awareness API.
- Connected the android application to firebase for the database stuff.

PROJECTS

ANANTARA PROJECT | EMBEDDED SYSTEM

May 2021 - June 2021 | Bandung

Lead a team of 5 members to create a **vending machine** system that runs in raspberry pi, uses **PyQt5** for the interface. I created the whole embedded system stuff and connected the system to **GCP** for cloud services and **Hasura Cloud** for backend, also helped and guide teammates during the whole development process.

DWA BASED ROBOT SIMULATION | ROBOTICS

January 2021 | Bandung

Created a path finding **robotic simulation** using dynamic window approach algorithm implementation by **AtsushiSakai** and simulated using **CoppeliaSim** via their **BlueZero** middleware.

AUTOBOT PROJECT | PYTHON AUTOMATION

September 2020 | Bandung

Created a **toy automation script** to automate LMS usage in Telkom University that uses **NightmareJS** for browser automation, **BeautifulSoup** for web scraping and use a bit of PyInstaller to "pack" the project.

AWARDS

2021	Finalist (top 15)	Cyber Jawa CTF in Indonesia
2021	Finalist (top 10)	HackToday 2021 CTF in Indonesia
2021	Finalist (top 10)	Compfest 13 CTF in Indonesia
2021	2 nd winner	KKS TNI CTF in Indonesia (college category)
2021	2 nd winner	Foresty 2021 CTF at Telkom University
2020	2 nd winner	Foresty 2020 CTF at Telkom University