MUHAMMAD SYAIFUL RAHMAN

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Depok, Indonesia

I am a recent graduate of the Bachelor of Computer Engineering program in the Faculty of Electrical Engineering, Telkom University. I have a keen interest in the fields of Data Analyst, Digital Marketing, Website Development,and Cloud Computing. I participated in the Bangkit Academy 2022 Cloud Computing Learning Path and successfully completed the Capstone Design project on the Coffee Bean Humidity Detection System. Furthermore, I have also taken several courses related to Data Analyst and Digital Marketing. In addition, I am involved in website development, database, and Telegram bot creation for a face and temperature detection system project used for attendance and body temperature checks based on the Internet of Things (IoT).

Education, Training, and Work Experience

RevoU - Indonesia   Mar 2023 - Apr 2023
Digital Marketing and Data Analytics Course
The Digital Marketing and Data Analytics Course is foundational training in the fields of digital marketing and data analytics, conducted online.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka 2022 - Indonesia   Feb 2022 - Jul 2022
Cloud Computing Learning Path
Bangkit Academy is a career readiness program that aims to produce high-caliber technical talent for world-class Indonesian technology companies and startups, fully supported by Google, GoTo, and Traveloka. Bangkit Academy offers three learning tracks, namely Cloud Computing, Machine Learning, and Mobile Development. Throughout the learning process, we delve into more detailed studies of the chosen learning track, guided by experts.

- https://github.com/ifulrahman/Coffee_Moisture_BangkitCapstone || https://github.com/ifulrahman/Coffee_MoistureDetection

RnEST Laboratory - Bandung, Indonesia   Nov 2019 - Apr 2020
Study Group
About the basic concepts of embedded systems, characteristics, and microcontroller architecture including memory, input-output (I/O), and using the Arduino Programming Language.

Education Level

Universitas Telkom - Bandung, Indonesia   Aug 2019 - Aug 2023
Bachelor of Computer Engineering in, 3.26/4.00

SMAN 1 Cibinong - Bogor, Indonesia   Jan 2016 - Jan 2019
Graduated in Senior High School

Project Experience

Final Project IoT (Face Recognition and Temperature Detection System) - Bandung, Indonesia   Feb 2023 - Aug 2023
Website Development, Database, and Bot Telegram
This project is about a Face and Temperature Detection System for Attendance and Body Temperature Checking Based on IoT, which is a device that combines Internet of Things (IoT) technology with facial detection and body temperature measurement. I am involved in website management, website hosting management, creating and managing databases to manage user data, and creating a Telegram bot that serves as a communication channel for users.

- https://github.com/ifulrahman/Sistem-Deteksi-Wajah-dan-Suhu-Untuk-Presensi-dan-Pengecekan-Suhu-Tubuh-Berbasis-IoT

Capstone Design Final Project (Coffee Beans Moisture Detection) - Bandung, Indonesia   Feb 2022 - Jul 2022
Cloud Computing
Starting from the story by one of our team members, who said that coffee business stakeholders in his area had difficulty identifying the moisture levels in green coffee beans quickly and accurately, besides that there were difficulties by the farmers in identifying diseases that existed in coffee plants and lack of insight in handling and preventing Disease.In. In this project, I am responsible for building cloud infrastructure, managing cloud infrastructure, determining cloud infrastructure needs, and testing APIs using POSTMAN.

- https://github.com/ifulrahman/Coffee_Moisture_BangkitCapstone || https://github.com/ifulrahman/Coffee_MoistureDetection

Organisational Experience

MPM HMTK (Majelis Perwakilan Mahasiswa Himpunan Mahasiswa Teknik Komputer) - **Bandung, Indonesia**   Jun 2022 - Aug 2023
"Pengawasan dan Penilaian" Division Committee Staff
"Pengawasan dan Penilaian" division is responsible for overseeing and evaluating activities within the Computer Engineering study program environment.

MPM HMTK (Majelis Perwakilan Mahasiswa Himpunan Mahasiswa Teknik Komputer) - **Bandung, Indonesia**   Feb 2022 - May 2022
"Pasukan Musyawarah Besar" Committee Staff
"Pasukan Musyawarah Besar" committee staff plays a role in the Computer Engineering study program's general assembly activities, discussing work programs and existing issues within the Computer Engineering environment.

BPH HMTK (Badan Pengurus Harian Himpunan Mahasiswa Teknik Komputer) - **Bandung, Indonesia**   Sep 2021 - Jan 2022
Committee Staff of the CAD (Creative Art and Decoration) Division in the first-level cadre development
I play a role in the field of decoration and art, such as designing social media posts during the first-level cadreship activities.

Rohani Islam (Rohis) SMAN 1 Cibinong - **Bogor, Indonesia**   Jan 2018 - Jan 2019
Head of Public Relations and Publication Division of Rohis SMAN 1 Cibinong

Rohani Islam (Rohis) SMAN 1 Cibinong - **Bogor, Indonesia**   Jan 2017 - Jan 2018
Deputy Head of Public Relations and Publication Division of Rohis SMAN 1 Cibinong

Publication

- **Project** : Aplikasi Kecerdasan Buatan pada Tanaman Kopi (2022)
  Publisher : Kompasiana, Kumparan.
- **Journal** : Face Recognition and Temperature Detection System for Attendance and Body Temperature Checking Based on IoT (2023)
  Publisher : Telkom University Open Library

Skills, Projects & Other Experience (Certificate Link & Project Link)

- **Projects** : [1] Face Recognition and Temperature Detection System for Attendance and Body Temperature Checking Based on IoT (2023).
  [2] Coffee Beans Moisture Detection with Fusioned Triple Deep Convolutional Neural Network (2022)
  [3] Coffee Beans Moisture Detection with Fusioned Triple Deep Convolutional Neural Network (2) (2022)
  [4] Embedded System Basic Concepts, Arduino Programming Language Study Group (2019)

- **Webinars Attended** : [1] Artificial Intelligence: Fundamentals and Implementation (2020)
  [2] Trend and Research Topics on 5G and 6G Wireless Communication (2021)
  [3] Internet of Things dalam Memonitoring Smart Home (2021)

- **Hard Skills** : [1] Data Analytics Basic
  [2] Cloud Computing
  [3] Digital Marketing Basic
  [4] Microsoft Excel
  [5] Canva
  [6] Website Development (HTML, CSS, JavaScript, PHP, MySQL)

- **Soft Skills** : [1] Time Management
  [2] Good Communication
  [3] Leadership
  [4] Teamwork