

# M. RAYHAN FUADI

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## Summary

Extroverted and energetic 3<sup>rd</sup> year Industrial Engineering student from Institut Teknologi Bandung that has a passion for product management with strong interpersonal and leadership skills with a bunch of organization experiences and strong basic knowledge in data analytics with Python, data engineering (SQL, R Programming), front-end development (HTML, CSS, Javascript, and Front-End Libraries), UI/UX design (AdobeXD) and public speaking,

## Education

### Institut Teknologi Bandung

2019 — 2023 (Expected)

Industrial Engineering, Bachelor's Degree

GPA : 3.33/4.00

- Courses taken : 75

### SMA Negeri 2 Cirebon

2017 — 2019

Science

- 3<sup>rd</sup> Winner of Informatics City Olimpiad (OSK Komputer) Cirebon 2018
- 3<sup>rd</sup> Best Graduate Awardee of SMA Negeri 2 Cirebon 2019
- Student of acceleration program (Graduated in 2 years).

## Experience

Cirebon in Charity (CIC) – Nonprofit Education Organization in Cirebon

### Head of Academic: Motivation Division — Ring 1 CIC X 2020/2021

Jul 2020 — Aug 2021

- Designing 1-year motivation curriculum and initiating 1<sup>st</sup> edition of motivation module
- Liaising and maintaining good relationship with external and internal motivators
- Giving speeches at motivation session of CIC students

### Math and Science SBMPTN Module Staff — Academic Division CIC IX

Aug 2019 – Jun 2020

- Provide answers and explanation of Mathematics and Physics test problems
- Collaborating with many students across universities to make UTBK modules

Udrussunnah Bandung – Islamic Student Organization based in Bandung

### Head of Islamic Event Organizer — Lembaga Kajian dan Daurah Udrussunnah

Oct 2020 — Mar 2021

- Overall in-charge of the event and reporting monthly update to the donators.
- Designing and executing project management of Islamic lectures (Kajian dan Tabligh Akbar Islami)
- Liaising and maintaining good relationship with the audiences and lecturers

### Graphic Designer and Content Strategist – Instagram @udrussunnah

Dec 2020 — Apr 2021

- Designing overall grand theme and concept of feed
- Designing 1-3 posters per week, including microblog/carousel posts
- Achieving more than 100-300% engagement, reach, and added followers in less than a year

## Honor & Awards

- MTI Data Analytics Club Mini Competition**—Himpunan Mahasiswa Teknik Industri ITB September 2019  
Top 10 teams of Data Analysis using Python Competition
- Hackathon Cloud Computing AWS Amazon** — IEEE ITB x Taiwan Tech and eCloudvalley August 2021  
Top 10 teams of Hackathon IoT and Cloud Computing using AWS Amazon
- National Physics Tournament** — Universitas Pendidikan Indonesia October 2019  
First Runner-Up of National Physics Tournament, Physics Festival 4.0

## Projects & Certification

- Certificate of Responsive Web Design** – Freecodecamp.org July 2020 — (no expiration date)  
Certification of learning the languages that developers use to build webpages: HTML (Hypertext Markup Language) for content, and CSS (Cascading Style Sheets) for design. Check out the certificate [here](#).
- Personal Portfolio Webpage Project** – Final test of Responsive Web Design July 2020  
Building complete portfolio webpage of my personal branding from the scratch only by using HTML and CSS. I designed the UI/UX in Adobe XD and complete the project within 1 week. Check out my work [here](#).
- “Arbain untuk Anak”, A Static-Responsive Documentation Webpage** July 2020  
Making a static-responsive documentation webpage of *Arbain*, a little book of hadeeth of Prophet Muhammad PBUH’s word, from scratches only by using HTML and CSS in 3 days. This page is designed to make easier for kids to memorize and understand basic Islamic knowledge. Check out the website [here](#).
- “Senyum Kita” Project of Static-Responsive Landing Page** June 2020  
Building a static-responsive landing page for Senyum Kita social project of Udrussunnah. Providing 3 donating plan to the donators to make donating easier. Check out the webpage [here](#).
- Muhandis Program Registration Form Webpage** June 2020  
Mahad Muhandis is one of Islamic educational institution in Bandung. I built the entire interface website prototype using only HTML and CSS from the scratches in 2 days. Check out the webpage [here](#).
- Optimizing Vaccine Distribution in Indonesia using Mixed Integer Programming Algorithm** April 2021  
– Operational Research I Course Final Project  
Operational Research I course final project of implementing mixed integer-binary programming algorithm to optimize vaccine distribution in four big cities in Jawa: Jakarta, Bandung, Surabaya, and Semarang.
- Arduino-Based Design of Hand Sanitizer Dispenser** – Final Project of Industrial Eletronics May 2021  
Designing Arduino-based automated hand sanitizer dispenser in response to the needs of minimizing contact and COVID-19 virus spread using TinkerCAD.

## Skills & Abilities

Indonesian (Native), English, Arabic, Microsoft Office, SOLIDWORKS, Programming Skills (Javascript, Python, C++, MATLAB), Data Engineering (Microsoft SQL and R Programming), Data Analytics with Python, Front-End Development (HTML, CSS, JS, and other front-end libraries: Bootstrap, JQuery, SASS, React), Teaching Skills, Writing Skill (Report & Paper), Public Speaking and Presentation Skills.