

# SHAZYA AUDREA TAUFIK

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A third year undergraduate student in School of Electrical Engineering and Informatics Institut Teknologi Bandung with excellent ability to grasp new concepts. I am always seeking new challenges and ways to put myself out of my comfort zone in order to become the best version of myself. I am hardworking and have an immense attention to details.

## Education Level

<b>Institut Teknologi Bandung - Bandung, Indonesia</b> <i>Undergraduate in School of Electrical Engineering and Informatics</i>	Aug 2022 -
<b>SMA Negeri 3 Batam - Batam, Indonesia</b> <i>High School Diploma in Mathematics and Natural Sciences, 93.54/100.00</i> <ul style="list-style-type: none"><li>Ranked 1st among 210+ students</li><li>Enrolled in an accelerated program allowing completion of the degree in 2 years instead of the standard 3 years.</li></ul>	Jul 2020 - May 2022

## Organizational Experience

<b>DE HMIF ITB</b> <i>Extracampus Staff</i> <ul style="list-style-type: none"><li>Bridging external parties with HMIF ITB.</li><li>Hold comparative studies with other communities outside ITB.</li><li>Hold company visits.</li></ul>	Jul 2024 - Present
<b>Wisuda Oktober HMIF 2024 - Bandung, Indonesia</b> <i>Head of Public Relations</i> <ul style="list-style-type: none"><li>Ensure that all information regarding the series of events is well informed.</li><li>Bridge alumni, lecturers, and other external parties with the events.</li></ul>	Sep 2024 - Oct 2024
<b>Simulasi dan Pelatihan Keorganisasian Untuk Anggota HMIF 2024</b> <i>Human Resources Staff</i> <ul style="list-style-type: none"><li>Manage the presences of 250+ participants</li></ul>	Jul 2024 - Sep 2024
<b>Kaderisasi Wilayah STEI-K 2024</b> <i>Human Resources Staff</i> <ul style="list-style-type: none"><li>Manage the presences of 300+ participants</li></ul>	Apr 2024 - Jun 2024
<b>DE HMIF ITB</b> <i>Kinship Staff</i> <ul style="list-style-type: none"><li>Ensure a comfortable environment for members in this community.</li><li>Organizing events to welcome new members.</li><li>Celebrating national big days.</li><li>Appreciating members' birthdays and achievements.</li></ul>	Oct 2023 - Jun 2024
<b>Wisuda Oktober HMIF 2023 - Bandung, Indonesia</b> <i>HR and LO Staff</i> <ul style="list-style-type: none"><li>Ensure that all human resources in a division carry out their job descriptions without problems.</li><li>Provide information regarding the graduation process to the graduates.</li></ul>	Sep 2023 - Oct 2023
<b>Aksi Angkatan IF/STI - Bandung, Indonesia</b> <i>Main Event Exhibition Staff</i> <p>2022 students majoring in IF/STI are having an event as a part of SPARTA 2022. The event consists of bootcamp, exhi(byte)on, and grand summit.</p> <ul style="list-style-type: none"><li>Arranged the flow of the exhibition</li><li>Accomplished to gather 200+ participants and efficiently handled the needs of the teams.</li></ul>	Aug 2023
<b>The SandBox by IEEE ITB SB</b> <i>Competition Staff</i> <p>A series of events that consists of a grand seminar, competitions, and exhibition.</p> <ul style="list-style-type: none"><li>Design the concepts of the Technovote Paper Competition.</li><li>Lead a team of 8 members with the responsibility to handle 4 sub-divisions (judges, coaches, participants, and scoring criteria).</li></ul>	Jul 2023 - Mar 2024

### Amateur Radio Club (ARC) ITB

Jul 2023 - Present

#### Internal Division Staff

Student organization that is focused in web development, networking research, and project development.

### IEEE ITB Student Branch

Jun 2023 - Jun 2024

#### Event Division Officer

Student organization that serves as a platform for engineering students to enhance their academic experience, develop professional skills, and prepare for their careers.

### Google Developer Student Club (GDSC) ITB

Nov 2022 - Jun 2023

#### Member in Data Science and Machine Learning

Student community with interest in Google developer technologies.

### ITB on Journey to Riau and Kepri 2023 - Batam, Indonesia

Dec 2022 - Jan 2023

#### Volunteering Staff

- Visited 10+ high schools in Batam City to enhance students' eagerness in continuing their studies to the university.
- Coordinated the technical operations of the visitation.

## Skills

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- **Soft Skills:** Problem Solving, Communication (both written and oral), Teamwork, Leadership
- **Hard Skills:** MS Office (Word, Excel, Powerpoint), Google Suites (Docs, Sheets, Slides, Forms), Python, Haskell, C++, C, Java, C#, MySQL, Prolog, Tableau
- **Language:** English (TOEFL ITP: 620), Indonesian (native), Mandarin (HSK 2)

## Achievements & Other Experience

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### Web Development Competition Informatics Festival UNPAD 2024

Sep 2024 - Oct 2024

- Created a proposal regarding a website development planning about UMKM funding and education.
- Created a video regarding the proposed idea.

### Data Analytics Dash COMPFEST 16

Sep 2024 - Oct 2024

- Achieved a score of 715 on the preliminary round (PostgreSQL).
- Ranked 2nd out of 400+ teams in the preliminary round.
- Created a dashboard using Tableau and a pitch deck in the Finals.

### Sebelas Maret Statistics Data Analysis UNS 2024

Agu 2024 - Sep 2024

- Analyzed TV Shows dataset to improve popularity of TV Shows.
- Created visualizations regarding the dataset using Tableau.

### Data Analysis Competition PRS ITS 2024

Agu 2024 - Sep 2024

#### Predictive Analysis on Sustainable Energy

- Predict %Baseline (percentage of energy generated in one hour) based on the historical data.
- Top 40 out of 135 based on kaggle public score

### Data Science Academy COMPFEST 16

Jul 2024 - Sep 2024

- Created and implemented a medicine alternative filtering system based on a dataset of medicines using machine learning.
- Analyzed disability dataset and created visualizations to boost ideation of an application that is useful for the disabled.
- Attended three camps about data science.
- Created visualizations regarding datasets.
- Achieved best case study.

### Data Science Academy Selection COMPFEST 16

Jun 2024 - Jul 2024

#### Selection of COMPFEST Data Science Academy by Kaggle

- Predict water hardness based on training data using machine learning
- Passed stage 1 and 2 of selection, Top 10 out of 180 teams

### RISTEK Datathon 2024

Jul 2024 - Jul 2024

#### Preliminary Round

- Fraud detection based on training data using machine learning
- Ranked 9th out of 222 teams based on kaggle private score.
- Attended three workshops regarding the data science topic.

