

# FAISHAL ZHARFAN

[www.linkedin.com/in/faishal-z-453a20122/](https://www.linkedin.com/in/faishal-z-453a20122/)

Bandung, West Java. 40291

zharfanf@gmail.com

## EDUCATION

---

### **Bandung Institute of Technology**

Bachelor of Engineering

School of Electrical Engineering and Informatics

Telecommunication Engineering

*July 2019 - Present*

Overall GPA: 3.66/4

## RESEARCH INTERESTS

---

- Information Theory
- Signal Processing (Image and Video Processing)
- Machine Learning
- Communication System & Wireless Communication

## TECHNICAL STRENGTHS

---

### **Computer Languages**

Python, C, C++, Golang, Javascript, MATLAB/GNU Octave

### **Software & Tools**

HTML, CSS, LaTeX, Excel, HFSS

## EXPERIENCES

---

### **Bandung Institute of Technology**

Oct 2020 - Dec 2020

*Introduction to Computation Laboratory Assistant*

- Assisted 63 students on Introduction to Computation course (KU1102) practice using Python3
- Graded students works on 5 topics (flow-control, loop process, array, matrix, and data visualization) respectively
- Tutored basic programming concept and discussed preliminary assignment to students

## ACHIEVEMENTS

---

**Honorable Mention** - International Medical Science and Application Competition (MEDSPIN) at Regional Level (2019)

**Best Student** - Top 3% graduation amongst 420 students (2019)

**Honorable Mention** - Huawei ICT Competition Preliminary Stage at Cloud Track (2020)

## CERTIFICATES

---

Cisco Cybersecurity Essentials (2020 - no expiration date)

Huawei Certified ICT Associate : Cloud Service (2020-2023)

## RELEVANT COURSES

---

**Core Courses**

Programming - AB

Electromagnetics I - AB

Continuous-Time Signal Processing - A

Electric Circuit - AB

Computer Networks I - A

**Other Courses**

Calculus I & II - A

Discrete Mathematics - A

Probability and Statistics - AB

Embedded System - AB