

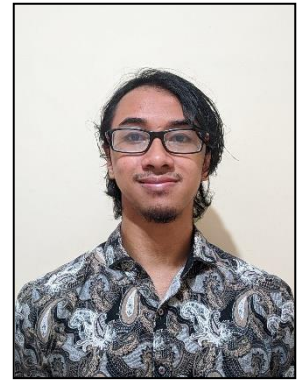
# Faiq Muhammad Arif

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## Education

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### **Bandung Institute of Technology (2020-Present)**

*Bachelor of Engineering, Major in Aerospace Engineering*

Current GPA: 3.46/4.0

### **Assalaam Islamic Modern Boarding School Sukoharjo (2016-2020)**

*Natural Science*

Average Grade: 88/100

## Experience

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### **Tutor for Introduction of Computing (2020)**

*Faculty of Mechanical and Aerospace Engineering, Bandung Institute of Technology*

- Guided fellow students in the faculty to study for Introduction of Computing exams which consists of Intermediate Python Programming and Data Analysis using Pandas

### **Co-founder of Assalaam Robotics Club (2018-2020)**

*Assalaam Islamic Modern Boarding School*

- Competed in three national competitions in Serpong, Banten and Malang, East Java
- Designed and programmed competitive robots using C programming language and ATmega microcontroller

### **Student Head of Optics (2018-2020)**

*Assalaam Observatory*

- Responsible for the maintenance and operations of the observatory's various telescopes, cameras, and computers
- Helped to install new, network-connected, computerized reflecting telescope in the main observatory dome
- Introduced digital video interface and high-definition live streaming for viewing and sharing images retrieved by the telescope
- Programmed a moon ephemeris program to calculate the current position and phases of the moon using Python, Tkinter, and Django as a connector to the web interface

## Skills

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**Technical Skills:** Proficient in Python, MATLAB, C, HTML/CSS; Limited working experience with Javascript; Advanced graphics designer in Inkscape, CorelDRAW

**Languages:** Fluent in English, Indonesian; Limited working proficiency in Arabic

**Activities:** Volunteered as a web admin for Mataram Inline Skate Club, Yogyakarta; Supporting coach for Aikido ITB; Aerodynamics and Mechanical Designer for Aksantara ITB

**Certification:** Mathworks MATLAB Onramp