



# RIO FERDINAND

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## BACKGROUND

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I am a Computer Engineering student that has a passion for IoT and automation. I seek for new opportunities and chances to learn things that can further enhance my capabilities. With great communication skills I can operate both in teams and individually. I am fairly adaptive with my working environment and colleagues.

## WORK EXPERIENCE

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### Part-Time Lab Assistant, Binus Computer Engineering Laboratory February - May 2025

- In charge for teaching students who take Physics II LAB Class from Civil Engineering and Industrial Engineering course
- Delivering course materials and handling measurement tools and experiments
- Helps student analyze mechanical physics phenomenon (Newton's Law), electromagnetism (Faraday's Law), and introduction to electricals (Ohm's Law and Kirchhoff Laws) with hands on practicum
- Take part in creating final exam questions of LAB class
- Review and grade students' practicum final report

### Part-Time Online Lab Assistant, Binus Online March - May 2025

- In charge for teaching students who take Physics II LAB Class from Binus Online
- Delivering course materials video via zoom
- Helps student analyze mechanical physics phenomenon (Newton's Law), electromagnetism (Faraday's Law), and introduction to electricals (Ohm's Law and Kirchhoff Laws) with hands on practicum
- Review and grade students' practicum final report

## ORGANIZATION AND VOLUNTEER EXPERIENCE

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### Keluarga Mahasiswa Katolik (KMK), Binus University 2024 - Present

- Arts and Sports Division and Communication Media Division activist period 2024/2025
- Documentation team of Paskah Gabungan PMKAJ UB 2024 (March - April 2024)
- Documentation team of Innovabench 2024, a comparative study of KMK Binus with KMK UI (October 2024)
- Documentation team of HUT dan Natal KMK (July 2024 - January 2025)
- General Manager and Regional Coordinator of Arts and Sports Division of KMK Binus period 2025/2026

### IEEE Student Branch, Binus Computer Engineering 2024 - 2025

- Involved in team based project of creating a devices from preselected topics or continue progress of previously ongoing project
- Capable of multiple role and job desk such as Device Sketch designer, PCB Making, Soldering, Schematic Design, Device testing

**Volunteer Socialization of Anticorruption, Regina Pacis Highschool****September - October 2023**

- Explain the external and internal causes of corruption
- Suggest video ideas and help trim video footage for faster editing process
- Arrange group games for post material activities

**Student Council (OSIS)****2021-2022**

- Staff of Non Academic Performance Preservation Section (2021)
- PIC of Creaturae talent show event (2021)
- President of Student Council (2022)
- Chairman of Excelsior: The Unending Adventure annual school cup event (2022)

**EDUCATION**

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**Binus University****2023 - Present**

- Computer Engineering | Current GPA: 3.43 / 4

**SMAK Penabur Harapan Indah****2020 - 2023**

- Mathematics and Natural Science

**ADDITIONAL INFORMATION**

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**Technical Skills**

- Dart
- C Programming
- Python Programming
- PCB Design and Making
- Proper Soldering
- Tools: VS Code, EasyEDA, ArduinoIDE, GitHub

**Soft Skills**

- Public Speaking
- Communication Skills
- Leadership
- Adaptability
- Problem Solving

**Languages**

- Indonesian (Native)
- English (Fluent)