

# RAYHAN AKBAR ARRIZKY

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Kampung Sawah, RT/RW 006/001 Kel. Srengseng Sawah, Kec. Jagakarsa, Jakarta Selatan, DKI Jakarta

Dedicated and highly-motivated 3rd year Computer Engineering student at the University of Indonesia with a GPA of 3.79. Currently serving as a Laboratory Assistant at the Network Laboratory, showcasing practical skills in the Department of Electrical Engineering, Faculty of Engineering UI. Passionate about IoT systems, Computer Network Technologies, and Cloud Computing. Committed to academic excellence while actively engaging in hands-on experience. Strong collaborator with excellent communication skills, seeking opportunities to contribute to innovative projects in the tech industry.

## Work Experiences

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### PT XL Axiata Tbk - DKI Jakarta, Indonesia

Feb 2024 - Present

#### IT Infrastructure Network Planning & Design Intern

- Take part in handling XL's data center, refreshment servers, storages, and backup
- Work on XL's infrastructure migration every once in a while
- Assist the company in design, implementation, documentation, tracking and administration

### Network Laboratory, UI - Depok, Indonesia

Aug 2023 - Present

#### Laboratory Assistant

Network Laboratory is one of the laboratory in Univesity of Indonesia that is responsible for providing the required resources related to network related studies in the Electric Department.

- Instruct over 80 students pursuing majors related to networks
- Collaborate with the lecturers to support teaching and assessment of students
- Create modules, case studies, and and other task in relation to practicum

### Faculty of Engineering, UI - Depok, Indonesia

Sep 2022 - Dec 2022

#### Assistant Lecturer in Electrical Physics subject

- Corrects assignments, homework, and quizzes and returning it on time
- Provided answer keys for assignments, homework, and quizzes given by the lecturer

## Education Level

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### Universitas Indonesia - Depok, Indonesia

Aug 2021 - Aug 2025 (Expected)

#### Undergraduate in Computer Engineering in Department of Electrical Engineering, 3.79/4.00

- Learning various fields such as basic programming, advanced programming, basic digital system, digital system design, object oriented programming, electrical circuit, computer network and etc.

### SMA Negeri 28 Jakarta - Pasar Minggu, Jakarta Selatan, DKI Jakarta, Indonesia

Jul 2018 - Jul 2021

#### High School Diploma Majoring in Natural Science in

- Top 20 high school students

## Organisational Experience

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### Tim Robotika Universitas Indonesia (TRUI) - Depok, Indonesia

Oct 2023 - Present

#### Vice Head of Public Relation

- Facilitate effective internal communication
- Initiate and maintain relationships with external stakeholders
- Collaborate with team members to create and distribute content

### Tim Robotika Universitas Indonesia (TRUI) - Depok, Indonesia

Oct 2022 - Oct 2023

#### Staff of Publication

- Managed publication for TRUI
- Designed and distribute content for TRUI's Social Media

### Autonomous Unmanned Aerial Vehicle (AUAV) by TRUI - Depok, Indonesia

Oct 2023 - Present

#### Racing Plane Team Leader

- Lead the team for 2024 National Flying Robots Contest
- Manage project timelines and deadlines
- Facilitate regular team meetings to discuss project milestones

### Autonomous Unmanned Aerial Vehicle (AUAV) by TRUI - Depok, Indonesia

Oct 2022 - Oct 2023

#### *Racing Plane PIC of Programming*

- Led the programming team for the development of the software
- Facilitated knowledge-sharing sessions within the division

#### **Autonomous Unmanned Aerial Vehicle (AUAV) by TRUI - Depok, Indonesia**

Oct 2021 - Oct 2022

#### *Racing Plane Staff of Programming*

- Collaborated with other team member for the development of the software
- Engaged in continuous learning and skill development

#### **Robotic SMAN 28 Jakarta**

Oct 2019 - Oct 2021

#### *Head of Mechanical Division*

- Facilitated mechanical training for over 30 students
- Collaborated with other division for events or competitions

## **Skills, Achievements & Other Experience**

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- **Projects** 🕒 (2023): Park-IR: Infrared-based IoT system integrated to mobile apps for seamless parking (Role as IoT Developer) [Team]
- **Course Taken** 🕒 (2023): Cisco Certified Network Associate: Enterprise Networking, Security, and Automation
- **Projects** 🕒 (2023): InventTracker: Inventory Management Website (Role as Backend Developer) [Team]
- **Projects** 🕒 (2023): TaskMaster: Task Management App for Individual and Group Work (Role as Fullstack Developer) [Individual]
- **Projects** 🕒 (2023): WaiterCall: Automatic Waiter Caller for Chef (Role as Programmer) [Team]
- **Course Taken** 🕒 (2022): Cisco Certified Network Associate (CCNA): Switching, Routing, and Wireless Essentials
- **Course Taken** 🕒 (2022): Cisco Certified Network Associate (CCNA): Introduction to Network
- **Hard Skills:** Computer Network, Java, Javascript, SQL, C, Arduino, ESP32, FreeRTOS
- **Soft Skills:** Critical Thinking, Creativity, Problem Solving, Adaptive, Communicative
- **Language:** Indonesia (Native), English (Intermediate)