

# Rio Akbar

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An enthusiastic Computer Science student eager to step into the world of full-stack development. Aspiring to build and deliver valuable, meaningful products for the customer. Seeking valuable experience under proven mentors to develop my fundamental understandings of full-stack development.

## WORK EXPERIENCES

### Code Camp - Perth, Australia

Apr 2021 - Present

#### Head Teacher

- Taught 150+ 7-12 year-old children the fundamentals of Programming by getting them to make their own creative games
- Followed lesson plans that use either line-coding with JavaScript, block coding or a mixture of both.
- Adjusted the lesson plan to cater for children with disabilities in order for all the children to participate
- Coordinated with the teaching assistant to ensure the needs of every student are met so every student leaves the camp satisfied and happy

### Academic Group - Perth, Australia

Feb 2022 - Present

#### Academic Supervisor

- Supervised 6+ teachers along with their classes of tuition-seeking high school students to ensure all students and teachers have effective tuition sessions
- Organised the shipment of educational textbooks by Academic Group across Western Australia.

### Australian Bureau of Statistics - Perth, Australia

Aug 2021 - Oct 2021

#### Census Field Officer

- Managed the partaking of 300+ rural residents in the 2021 Australian Census across 3 towns in an area of 1400km<sup>2</sup> in rural Western Australia
- Ensured all rural residents had access to and participated in the 2021 Australian Census
- Handled queries and refusals by some residents in a professional manner to ensure their Census participation

## EDUCATION

### University of Western Australia - Perth, Australia

Jul 2022

#### Bachelor of Science (Computer Science & Data Science)

- Recipient of the UWA Engineering Pursuit Scholarship
- Organisations: Computer Science Student Club, University Computer Club, Programming Competition Society, UWA ASIA

## PROJECTS

### Remote Repeater Monitor (Arduino/Flask/Azure/Jinja2) - Perth, Australia

Jul 2021 - Nov 2021

#### State Emergency Service WA/UWA

- An Arduino device that connects to a web application to assist problems SES WA were having pertaining to their repeater. Heavily praised and still in use today by SES WA.
- Developed whilst following the Agile development methods

## SKILLS, ACHIEVEMENTS & CERTIFICATES

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- **Achievements:** 1st Place Winner of the Australia-Indonesia Business Case Competition 2022 | **Top 5 Finalist** ASEAN-Australia Strategic Youth Partnership Business Case Competition 2021
- **Programming Languages:** Python | Java | JavaScript | C
- **Methods:** Agile Software Development Routine | SCRUM | Git version control | Algorithm Design | Complexity Analysis | Unit Testing
- **Technologies:** Node.js | React.js | RESTful API | MongoDB | MySQL
- **Languages:** Australian English (Native) | Indonesian (C2 Certified/Native-Level)
- **Certificates:** Data Structures & Algorithms by UC San Diego (Coursera) | Entrepreneurship in Emerging Economies by Harvard University (edX)

## REFERENCES

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### **Barjat Jatnika**

GE Smallworld & ESRI Developer

**Water Corporation**

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### **Megan Bagworth**

Managing Director

**Academic Group**

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