Azhardika Syahputra

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LIFELONG LEARNER

EXPERIENCE

LIFELINES HACKATHON | Programmer & Developer
Feb 2024 | Doha, Qatar
- Built a crisis management application intended for refugees in refugee camps.
- Developed a sorting system for food boxes and their equal distribution to refugees.
- Presented the application and concept to the Qatar Red Crescent organization.
- Built teamwork and collaboration skills.

CMU-Q PYTHON & AI MINDCRAFT EVENTS | Student & Learner
2022 – 2024 | Doha, Qatar
- Built interactive Python applications with functioning user interfaces.
- Enabled robots to function and conduct interactive tasks with different objects.
- Made an AI model with computer vision to detect and recognize faces, objects, hand signs etc.
- Built critical thinking and problem-solving skills.

PERSONAL PROJECT | Programmer & Developer
Nov 2023 | Doha, Qatar
- Used Python to develop an application that tracks body health using BMI.
- Produced a personalized diet program according to one's BMI.
- Provided different dishes from a personalized diet along with their nutritional counts.

AP COMPUTER SCIENCE PRINCIPLES PROJECT | Programmer & Developer
Aug 2022 - June 2023 | Doha, Qatar
- Used JavaScript to develop a game application that simulates loot box occurrences of the game "Genshin Impact."
- Created a library for the different increasing chances for every loot box purchase occurrence.
- Developed debugging and commenting skills.

OTHER ACTIVITIES

BADMINTON | Athlete
Aug 2023 – Present | Doha, Qatar

- Earned a silver medal in a QUESS badminton competition's duos category.
- Earned a trophy for 3rd place in a nationwide Indonesian badminton competition in Qatar.

NATIONAL HONORS SOCIETY | Social Service Organization Member
Aug 2023 – May 2024 | Doha, Qatar

- Organized food drives for needy people, accumulating up to 50 boxes of donations and goods.
- Conducted a "Free Iftar" program for needy people during Ramadan.

NEWSPAPER JOURNALIST | Journalist & Researcher
2022 – 2023 | Doha, Qatar
- Taught the fundamentals of the Indonesian language to foreigners free of charge.
- Conducted interactive activities surrounding the Indonesian language and each lesson.
- Built teaching and presentation skills.

INDONESIAN LANGUAGE TUTORING | Teacher & Tutor
2022 – 2024 | Doha, Qatar
- Taught the fundamentals of the Indonesian language to foreigners free of charge.

- Conducted interactive activities surrounding the Indonesian language and each lesson.
- Built teaching and presentation skills.

ENGLISH LANGUAGE TUTORING | Teacher & Tutor
Aug 2021 – Nov 2021 | Jakarta, Indonesia

- Taught high school peers the complex fundamentals of the English language.
- Conducted meetings and encouraged public-speaking events with native English speakers.
- Prompted high school peers to present topics in English and provided feedback.

RESEARCH

GEMS AMERICAN ACADEMY QATAR | AP Research Course
August 2023 – April 2024 | Doha, Qatar
Conducted an experiment and analyzed the psychological implications of alternating luckiness from a self-programmed loot-box application among players in a competitive setting for the AP Research course requirement. Delved into the business implications of said research findings for gaming industries.

EDUCATION

CARNEGIE MELLON UNIVERSITY | BS in Computer Science
Conc. in Software Engineering, Expected May 2028 | Doha, QA · Cum. GPA: N/A

GEMS AMERICAN ACADEMY QATAR | High School Diploma
High School | Dec 2021 - May 2024 | Doha, Qatar
Distinguished Honors Student (All Semesters) • AP Capstone Diploma • Cum. Unweighted GPA: 4.0 / 4.0

LANGUAGES

PROGRAMMING
Over 5000 lines:
Java • Python • JavaScript
Over 1000 lines:
HTML • MatLab • CSS
Familiar:
C • C# • C++ • PHP

SPOKEN & WRITTEN
Native fluency:
English, Indonesian
Reading fluency:
French, Sundanese, Javanese