

Reda Akrab

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Certifications

Microsoft AI Certification

June 2025

Fundamental AI Concepts

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- Gained exposure to generative AI tools like OpenAI's GPT and DALL·E within the Azure ecosystem.
- Built practical experience using Azure AI services for computer vision, NLP, and data-driven insights.
- Applied responsible AI principles and ethical frameworks while solving real-world challenges through intelligent automation and predictive modeling.

EXPERIENCE

Re-Era

June 2023 - August 2023

Backend Developer Intern

Osaka, Japan

- Communicated and collaborated in both Japanese and English to bridge international teams
- Developed backend services in Python with MySQL to handle user and company data
- Integrated Pandas to automate Excel data import/export, improving data efficiency.
- Used web scraping and GUI development to present structured data and improve UX.

Projects

TubeAssist

- Built a Gemini chatbot website for YouTube support using NodeJS, HTML, CSS, JS.
- Collaborated with 3 other individuals, and divided up tasks which resulted in feasibility, and excellent teamwork.

Open World Map

- Designed a stylized savannah/desert hybrid map in UE5, earning 'Breath of the Wild' comparisons
- Scripted and placed diverse environment assets to enhance exploration and visual appeal.

Portfolio Sites

- Deployed GitHub-based portfolio sites using open-source templates and custom assets.
- Built lore-driven interactive pages to produce optimal user experience.

SBU Hackathon

Feb 2024

Runner up Programmer

Stony Brook University, LongIsland

- Created an enemy AI with dynamic strafe/attack patterns under 30 hours
- Designed UI health bars and full gameplay loop in C++/Blueprints.

EDUCATION

CUNY Queens College

Bachelor of Science

Majors: Computer Science

Relevant Coursework: C++OOP, Python, JavaOOP, Calculus, Linear Algebra, Discrete Structures, Algorithmic Problem Solving

Programming Languages: C++, Python, Java, Blueprint(UE5), HTML, CSS, JS, JQuery

SKILLS

Programming: Python, C++, Java, JavaScript, HTML/CSS, NodeJS

Tools: MySQL, Pandas, Git, UE5 (Blueprints)

Other: Fluent in Japanese and English, Web Scraping, GUI, Game Design

Hiring Manager

Activ8 Recruitment & Solutions / Renaissance Resources Inc.

Dear Hiring Manager,

I am writing to express my interest in the Japanese/English Bilingual Software Engineer position at your client's global industrial equipment company. With a strong foundation in software development, hands-on experience working in Japan, and the ability to communicate effectively in Japanese and English, I am confident in my ability to contribute meaningfully to your team.

While English is my first language, I used Japanese regularly during my internship at Re-Era in Osaka, where I supported backend development using Python and MySQL. My language ability allowed me to communicate clearly with local teams, gather technical requirements, and contribute to the seamless integration of data systems and GUI improvements. This experience deepened both my technical proficiency and my cultural awareness, reinforcing my commitment to producing clean, scalable, and user-centered software solutions.

I am particularly drawn to this opportunity because it aligns with my passion for innovative software engineering and my interest in global collaboration. With a strong academic background in Computer Science and recent Microsoft AI certification, I am ready to support your client's technical objectives while continuing to grow in a fast-paced, international environment.

Thank you for considering my application. I would be glad to speak further about how I can support your client's engineering goals.

Sincerely,

Reda Akrab