

# Jargalsaikhan Artag

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## Summary

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Dedicated engineer and Quantum Computing researcher with strong communication skills and bilingual proficiency in English and Japanese. Experienced in Quantum Annealing research and development. Seeking a challenging role to apply my expertise in designing and optimizing quantum communication systems.

## Education

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**Tokyo University of Agriculture and Technology | Koganei, Tokyo**  
**Postgraduate Degree, Quantum computing | 03/2025**

- Engaging in Quantum Computing research, specializing in Quantum Annealing.
- Presented research findings at IEEE Quantum Computing and Engineering 2023 conference.

**Tokyo University of Agriculture and Technology | Koganei, Tokyo**  
**Bachelor's degree, Electric engineer and computer science | 03/2023**

- Conducted research on Drone Control System using Quantum Annealing.
- Presented research at The Japan Society of Applied Physics (JSAP).
- Enhanced usage of Quantum Annealing hardware through Parallel Quantum Annealing.

**National Institute of Technology, Ishikawa college | Tsubata, Ishikawa**  
**Associate's degree, Electrical and Electronics Engineering | 03/2021**

- Graduated with 4.0 GPA.
- Research theme on PV optimization using plasmonic response.
- Presented research at 第 26 回高専シンポジウムオンライン (26th National Institute of Technology Symposium Online).

## Experience

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**KSJ Co.,Ltd | Nakano, Tokyo**  
**Embedded System Engineer | 04/2023 - Present**

- Collaborated with multidisciplinary teams to design and optimize embedded systems.
- Communicated technical concepts effectively within the organization.
- Ensured precision and reliability in project execution.

**KSJ Co.,Ltd | Nakano, Tokyo**  
**Embedded Engineer (Part-time) | 08/2021 - 03/2023**

- Demonstrated adaptability and remote work proficiency as an independent contractor.
- Contributed technical expertise to embedded system projects.

**LITALICO Inc. | Setagaya, Tokyo**  
**Mentor Teacher (part time) | 04/2021 - 10/2021**

- Utilized strong communication skills to mentor and guide students effectively.
- Ensured clarity and precision in conveying educational concepts.

## Skills

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Quantum Research, Quantum Design, Embedded Systems, Bilingual (English/Japanese), Quantum Optimization, Software Development, Algorithms, Data Analysis, Adaptability, Time Management, Research, MS Word/Excel