Kosuke Chino

(updated on Aug 21, 2025)

Tokyo, Japan | k2co3.0803.n@keio.jp | https://github.com/k2co3-0803-n
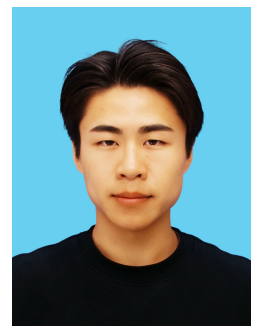
Education

Keio University, Bachelor of Engineering

Department of Information and Computer Science,

Faculty of Science and Technology

Apr 2022 – Present
(Expected: Mar 2026)

42 Tokyo

(42 is a private institution of education in computer science founded by Xavier Niel, Nicolas Sadirac (former executive director at Epitech), Kwame Yamgnane, and Florian Bucher (former executive at Epitech).)

Aug 2023 - Mar 2024

Research Interests

Quantum Computing, Quantum Communication, Quantum Network, Computer Network, Machine Learning, Artificial Intelligence

Research Experience

Takahiko Satoh Group

Department of Information and Computer Science,

Faculty of Science and Technology, Keio University

Jan 2025 - Present

The BIASLab

Department of Computer Science,

Donald Bren School of Information & Computer Sciences,

University of California, Irvine

Sep 2024 - Nov 2024

Research Achievement

Poster Presentation

[1] 25th Asian Quantum Information Science Conference in Hong Kong, China Aug 2025

Kosuke Chino, Shin Nishio, Hideaki Kawaguchi, and Takahiko Satoh, "Scalable Hierarchical QDS-based Quantum Byzantine Agreement for Fully Decentralized Quantum Networks."

Extended abstract: `https://drive.google.com/file/d/1n6Ihf5AgAFxjPEorjtLNY3v9z8_TWoLD/view`.

[2] QUANTUM INNOVATION 2025 in Osaka, Japan Jul 2025

Kosuke Chino, Shin Nishio, Hideaki Kawaguchi, and Takahiko Satoh, "Scalable Hierarchical QDS-based Quantum Byzantine Agreement for Fully Decentralized Quantum Networks."

Extended abstract: `https://drive.google.com/file/d/1_FqzJggo0g4JQScg9VFZCSVcsfQzcMB2/view`.

Internship

Software Engineer Intern, Keio University, Global Research Institute, AIC (AI Consortium) – Kanagawa, Japan Jan 2024 - Present

- Creating a holistic reservation management system that will be used for AIC's events
- Building an automated reception system for AIC's events by constructing Internet of Things(IoT) systems, connecting a QR code scanner, a card printer, etc.
- Conducting programming and system development lectures to Keio University's Integrated High School students

Software Engineer, Media Aid – Tokyo, Japan Oct 2023 – Present

- Created an automated, integrated lead customer ledger system from various sources of inflow using Google

services and Google Apps Script

Software Engineer Intern, Gather Co., Ltd. – Tokyo, Japan   Apr 2024 – Jul 2024

- Designed and developed a user interface for an AI-powered recommendation mobile application using Flutter
- Developed backend connections between Firestore and the mobile application
- Optimized web applications and also minimized the vulnerabilities of potential attacks by amplifying the network functionality, web application performance monitoring, overseeing application protocols, checking network latency and logs, and reviewing the app's code structure

Exchange Program

Keio - UCSB Exchange Program   Sep 2023

- Participated in discussions on Science, Technology, and Arts in Global Leadership and delivered a presentation at The University of California, Santa Barbara

Nagano Senior High School - Kaohsiung Municipal Kaohsiung Senior High School Exchange Program   Oct 2019

- Participated in discussions on Artificial Intelligence, and its social impact and delivered a presentation at Kaohsiung Municipal Kaohsiung Senior High School in Taiwan

Global Leadership Program   Mar 2019

- Participated in discussions on STEM and delivered presentations at Millburn High School in New Jersey and Harvard University in Massachusetts

Skills

Languages: Japanese(native), English(fluent), French(beginner)

Development: Python, C, Java, JavaScript, HTML/CSS, SQL, Google Apps Script, Dart, Velirog, Qiskit, NetSquid, PyTorch, POV-Ray, OpenMP, MPI, CUDA, AWS, Flutter, Flask