

Shuntaro Suzuki

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🌐 github.com/Shuntaro1227 🌐 Shuntaro1227.github.io

Education

Keio University <i>Master of Information and Computer Science</i>	Apr. 2025 – Present <i>Kanagawa, Japan</i>
Keio University <i>Bachelor of Information and Computer Science</i>	Apr. 2021 – Mar. 2025 <i>Kanagawa, Japan</i>

Experience

Suntory Global Innovation Center Limited <i>Software Engineer</i>	Jan. 2025 – Present <i>Tokyo, Japan</i>
Academia Sinica <i>Research Intern</i>	Aug. 2025 – Sep. 2025 <i>Taipei, Taiwan</i>
NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc. <i>Research Intern</i>	May 2022 – Oct. 2024 <i>Tokyo, Japan</i>

Publications

- **Shuntaro Suzuki**, Shuitsu Koyama, Shinnosuke Hirano, Shunya Nagashima, “PENGUIN: General Vital Sign Reconstruction from PPG with Flow Matching State Space Model”, **ICASSP**, 2026.
- Shunya Nagashima, **Shuntaro Suzuki**, Shuitsu Koyama, Shinnosuke Hirano, “A Decomposition-based State Space Model for Multivariate Time-Series Forecasting”, **ICASSP**, 2026.
- Ching-Chih Sung*, **Shuntaro Suzuki***, Francis Pingfan Chien, Komei Sugiura, Yu Tsao, “Condition-Invariant fMRI Decoding of Speech Intelligibility with Deep State Space Model”, **ICASSP**, 2026.
- **Shuntaro Suzuki**, Shunya Nagashima, Masayuki Hirata, Komei Sugiura, “Cortical-SSM: A Deep State Space Model for EEG and ECoG Motor Imagery Decoding”, 2025.
- Ming Chang, **Shuntaro Suzuki**, Takahiro Kurose, Takuya Ibaraki, “Pretraining alpha rhythm enhancement by neurofeedback facilitates short-term perceptual learning and improves visual acuity by facilitated consolidation”, **Frontiers in Neuroergonomics**, vol. 5, no. 1399578, 2024. DOI:10.3389/fnrgo.2024.1399578

Awards

The 2025 PNPL Competition, NeurIPS, 2025	Aug. 2023 - Sep. 2023
◦ Ranked 2nd place in the Phoneme Classification Task, Standard Track	

Skills

Programming Languages: Python, MATLAB, C/C++, Bash, JavaScript, Java, SQL, HTML, CSS

Machine Learning Tools: Pytorch, Scikit-learn, Pandas, Polars, Numpy, OpenCV

Software Tools: Git, GitHub/GitLab, Docker, Cursor, Eclipse

Languages: Japanese (native), English (TOEFL iBT: 97)