

Fuyuki Matsubara

Entrepreneur



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EDUCATION:

Master of Engineering in Machine Learning

The University of Tokyo,
Tokyo, Japan

Graduated: March 2021

Bachelor of Science in Interdisciplinary Science

The University of Tokyo,
Tokyo, Japan

Graduated: March 2019

SKILLS:

- Machine Learning:
ML frameworks (PyTorch,
TensorFlow), Web
framework(FastAPI, Django)
- Product & Research:
Architected human-centric
data collection platform
transforming academic
research into production
system.

AWARDS:

The twelfth AAAI Conference on
Human Computation and
Crowdsourcing
Best Demonstration Paper(2024)

Nissay Capital 50M Demo Day
Grand Prix & Audience
Award(2023)

MOP Crew Battle 2nd Place
Breakdancing Championship
held in Hachioji, Tokyo(2019)

LANGUAGES:

Japanese (Native)
English (Highly Proficient)

PROFILE:

AI entrepreneur and who is passionate about transforming data & AI
research into market-proven solutions.

Founded an award-winning AI startup that bridges R&D and the real-world.

EXPERIENCE:

Founder and CEO

Arrowheads Inc. Tokyo, Japan

July 2022 - Present

- Led development of BlitzMe from ideation to launch, leveraging user
data to conduct joining-research with academic institution, validate
core features.
- Scaled technical operations by recruiting and managing a
cross-functional team of engineers, UX designers, and researchers,
resulting in launch of BlitzMe with 10,000+ early adopters

Equity Derivatives Trader

J.P.Morgan Securities APAC Limited., Hong Kong

March 2021 - June 2022

- Focused on Japan single stock options market making for
institutional clients.
- Automated 90% of the market making process by gathering unique
dataset for non-listed options to train ML models.

Hedge Fund Quant Research (Intern)

GCI Asset Management, Tokyo, Japan

June 2019 - Mar 2021

- Architected and deployed production-grade ML models for systematic
trading, leveraging research in market microstructure and behavioral
finance to generate consistent alpha across multiple asset classes

SELECTED PUBLICATIONS AND TALKS:

- Matsubara, F. (2024) "BlitzMe: A Social Media Platform Combining Smile
Recognition and Human Computation for Positive Mood Enhancement"
AAAI HCOMP2024, **Best Demonstration Paper Award**
- Matsubara, F, et al. (2021) "Stock Price Prediction Using Limit Order Book
Data with Data Stratification and Multi-Phase Pre-Training" JSAI SIG-FIN
- Guest Lecturer@Kanto Gakuin University "Human-Computer Interaction"