**CV**

Tim Forrer

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SUMMARY

Doctoral student specializing in theoretical physics, with a strong foundation in mathematical modeling, extensive research experience, and excellent communication skills. Eager for opportunities to apply expertise to apply skills whilst staying at the forefront of technological innovation.

EDUCATION

**Physics PhD** - University of Tokyo, Japan Oct 2022 - Present

* Researching new approaches to quantum computing inspired by functional programming.
* Responsibilities include independently devising, researching, and deciding directions to pursue through considered evaluation of the current research landscape.
* Also must ensure that these decisions, as well as the factors that influence them, are clearly communicated to supervisor and other project members.

**Physics Research Student** - University of Tokyo, Japan Oct 2021 - Sept 2022

* Worked in collaboration with industry partners in the UK on our joint research.
* Often required to hold meetings outside of standard Japanese working hours.

**Natural Sciences MSci (1st Class Honors)** -Durham University, UKOct 2017 - Jul 2021

AWARDS AND CERTIFICATIONS

**Embassy-Recommended MEXT Scholarship** Oct 2021 - Present

* Awarded by the Ministry of Education, Culture, Sports, Science and Technology for Japan on the recommendation of the Japanese Embassy in the UK.

**Science, Technology, Innovation Governance (STIG) program** May 2024 - Present

* Voluntary program offered by the University of Tokyo to give students interdisciplinary expertise.
* Range of modules taken from the graduate schools of economics and public policy.
* Modules include Data Science for Practical Economic Research, Science and Technology in International Research, and Economic Analysis of Innovation.

**Natural Sciences Award for Outstanding Achievement** Jun 2020, Jun 2021

* Awarded twice consecutively in recognition of strong academic achievement at Durham University.

RELEVANT EXPERIENCE

**SciREX Summer Camp** - Japan Sept 2024

* As a team of five, developed a policy proposal on “Supply Chain Diversity to Address Geopolitical Risk”, which was presented to senior professors and government officials.
* Designed, researched, and presented the policy over the course of one weekend.
* Adapted quickly to team needs, working effectively with newly introduced teammates.