

Joost Bus

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Experience

ETH Zurich — Nanophotonic Systems Laboratory , PhD Researcher Cavity optomechanics with optically levitated nanoparticles.	Zurich, Switzerland Aug 2025 – present 11 months
Extropic , Hardware Scientist Nanofabrication and experimentation of superconducting hardware for thermodynamic computing.	Sherbrooke, Canada Nov 2022 – Jan 2025 2 years 3 months
Xanadu , Research Resident Quantum error correction research on the FlamingPy software package.	Toronto, Canada May 2022 – Aug 2022 4 months

Education

ETH Zurich , MSc Quantum Engineering Thesis project (Hybrid Quantum Systems group) on microfabrication of high-overtone bulk acoustic resonators, contributing to a Science publication on a mechanical qubit.	Zurich, Switzerland Sept 2020 – May 2023
Delft University of Technology , BSc Applied Physics	Delft, Netherlands 2017 – 2020
Delft University of Technology , BSc Applied Mathematics	Delft, Netherlands 2017 – 2020