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## Overview of Photonic, Inc

*Tuesday 20 June 2023 11:30 (20 minutes)*

Nicholas obtained his Ph.D. in Physics from Simon Fraser University, where his research focused on the numerical and phenomenological modeling of impurities in superconductors. In 2021, he joined Photonic, a full-stack quantum computing company based in British Columbia, as its first Quantum Software Engineer, leading the development of a laboratory measurement and control system. Realizing the need to take a simulation-driven approach to quantum computer design, he went on to establish and lead the Quantum Software and Simulations team. His team, comprising several Software Engineers and Quantum Software Engineers, develops a diverse range of simulation and design tools to accelerate the development of Photonic's quantum computers.

**Presenter:** LEE-HONE, Nicholas (Photonic)

**Session Classification:** (DPE/CAP) T2-8 Q-STATE: Quantum Science, Technology, Applications, Training, and Education | Science, technologie, applications, formation et éducation quantiques (DEP/ACP)