



Jonathan King, PhD

Co-founder & Chief Scientist

Atom Computing

Jonathan is Co-Founder and Chief Scientist at Atom Computing, a company building highly scalable, gate-based quantum computers with atomic arrays of optically-trapped neutral atoms, empowering researchers and companies to achieve unprecedented breakthroughs.

As Chief Scientist, Jonathan has made broad contributions to the fundamental design of our neutral atom platform. He leads the applications team, responsible for benchmarking, use-case development and the applications for customer-facing levels of our software stack.

Jonathan has over a decade of experience as a researcher in quantum technologies. Prior to joining Atom Computing, he was a postdoctoral researcher at the University of California, Berkeley where he worked on a variety of experimental and theoretical projects in the realm of nuclear magnetic resonance spectroscopy.

Jonathan has developed methods for control of nuclear spins in semiconductors, applications of nitrogen-vacancy centers in diamond, zero-field nuclear magnetic resonance, and has proposed novel methods for observing molecular chirality and parity nonconservation with magnetic resonance spectroscopy. He continues to apply his expertise in quantum control to neutral atom qubits.

Jonathan has a PhD in Chemical Engineering from UC Berkeley and holds two U.S. patents