

# Haiqu Raises \$11 Million in Seed Round to Enable Near-Term Quantum Use-Cases with New Operating System

*Notable seed investment led by Primary Venture Partners supports Haiqu's mission to reduce costs and resources needed for quantum computation*

NEW YORK CITY, NY, UNITED STATES, January 13, 2026 /EINPresswire.com/ -- Haiqu, an emerging quantum software company, today announced an \$11 million seed round led by Primary Venture Partners, with participation from Qudit Investments led by John Donovan, Alumni Ventures, Collaborative Fund, Silicon Roundabout Ventures, Angel One Fund, and returning investors Toyota Ventures and Mac Venture Capital.

This fundraise will be used to accelerate the launch of Haiqu's operating system (OS) for quantum applications: a hardware-aware quantum software stack for running near-term applications at 100x less computational cost than existing solutions.

"Quantum teams need to make empirical progress on hardware to close the gap toward industrially useful quantum applications," said Richard Givhan, CEO and Co-founder of Haiqu. "Today, too little experimentation happens because quantum cloud costs are prohibitive and hardware performance remains insufficient. Our goal is to change that overnight with a software system that can run larger applications at a fraction of the cost. We are grateful to have found investors who recognize the ugly truth: middleware isn't sexy, but it matters."

Co-founded in 2022 by Givhan, a Stanford-trained engineer, and Mykola Maksymenko, a former quantum researcher at Max Planck Society and Weizmann Institute, Haiqu develops software that overcomes limitations of modern quantum hardware to execute practical-scale applications



today. The company's quantum software significantly advances middleware through circuit optimization and error shielding, algorithmic subroutines like data-loading, and software orchestration to run more complex applications with significantly fewer resources.

"Quantum computing must demonstrate commercial advantage over classical compute in some domain in order to scale. The premise underlying our investment in Haiqu is that software is essential to realize this goal," said Brian Schechter, Partner at Primary Venture Partners.

"More specifically, quantum hardware needs to operate more noise-resiliently and at greater scale. Haiqu minimizes hardware shortcomings to get the best of what quantum has to offer today and in the many years before we have fully fault-tolerant qubits."



Co-founders Mykola Maksymenko (left) and Richard Givhan (right)

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*Brian Schechter, Partner at  
Primary Venture Partners*

Schechter notes that the venture capital firm has a portfolio-wide Series A success rate that is more than twice the industry average, along with a proven track record of investing in unicorns such as Alloy, Electric and Noom.

"It is impressive to see the growth in quantum since we first backed Haiqu nearly three years ago. The industry has gone from simulating toy problems to verifiable quantum advantage on niche scientific problems," said Jim Adler, founder and general partner at Toyota Ventures. "The world will soon realize that useful applications will rely on

production-ready software systems which Haiqu has quietly been building. They are already running quantum machine learning at scale over high dimensional data, and that is just one application they support. We are excited by their progress."

Following work in [anomaly detection](#) that was affirmed by IBM and Bank of Montreal (BMO), Haiqu will leverage the funding to continue validating near-term quantum use cases in industries like finance, healthcare, aviation, life sciences and more.

Haiqu will also use the funding to expand its global team, including the recent hire of Antonio Mei, former Principal Technical PM from Microsoft Quantum, as Lead Product Manager who will lead the launch of Haiqu's OS.

Researchers are invited to apply for Haiqu's Early Access Program, a free beta program for its OS now open for select users to develop and run their applications across hardware modalities on Haiqu's platform. Users can apply for the Early Access Program [here](#).

To learn more about Haiqu and its work in machine learning, computational fluid dynamics and more, please visit the company's new [website](#).

#### About Haiqu

Haiqu is an emerging leader in quantum software that supports the notion that near-term, commercially viable quantum applications are achievable with the right software, even on current hardware. Haiqu's hardware-agnostic software can run applications with up to 100x more operations on current devices compared to competitors. Based in New York City in the United States, Haiqu's expert team members hail from all over the world, including the US, Canada, Ukraine, UK, EU, and Singapore, contributing to the company's mission to make quantum computing practical as soon as possible.

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