



CO-FOUNDER NEEDED

Accelerating the next generation of computing

Velion

THE PROBLEM

Classical computers quickly run out of computing power when trying to solve for Gaussian integrals that find applications in finance, energy optimization and drug discovery.

OUR SOLUTION

We have invented quantum hardware and methodology that speeds up such calculations.

PATENT STATUS

We have filed and been granted a patent for this technology.

FINANCIAL OVERVIEW

We have applied for and hope to receive initial funds for the startup from DTU Skylab's PoC fund. Furthermore, we plan to progress onwards to Innovation Fund Denmark's and the EU's accelerator programmes before raising funds in Series a funding.

We intend to generate revenue initially through provide computing power as a service and eventually expanding into hardware development.

MILESTONES

We have built a working 400-mode MBGBS testbed at DTU proving that our core technology works and that our system can outperform classical algorithms.

Phase 1: Fibre MBGBS Upgrade, Optical stability and lower losses, Automated data acquisition

Phase 2: Gaussian Boson sampling with photon sampling, Qpurpose collaboration, Benchmark vs. DTU supercomputer

Phase 3: Industry partner data, Quantum assisted computation, User testing and feedback

TARGET MARKET & CUSTOMERS

Financial institutions, energy distributors and logistics, pharmaceutical companies and other quantum computing startups.

CO-FOUNDER PROFILE WE ARE LOOKING FOR

Preferred qualifications

- Experience in business development, startups, or venture funding
- Experience in commercializing deep-tech or advanced technologies
- Skills in fundraising, partnerships, and go-to-market strategy

Personal fit

- Entrepreneurial and comfortable working in an early-stage startup
- Able to translate complex technology into business opportunities
- Strong communicator and relationship builder
- Motivated to lead the business side of a deep-tech company

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

Main challenges

1. Defining a clear business model and value proposition
2. Identifying industry use cases and early customers
3. Securing initial funding and partnerships

Responsibilities

1. Lead business strategy and commercialization
2. Conduct market and customer discovery
3. Support fundraising and expansion.

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Ulrik L. Andersen, professor QPIT DTU
Abhinav Verma, Postdoc, QPIT, DTU Fysik.
Jonas S. Neergaard-Nielsen, Associate professor, DTU Fysik.

PHYSICAL ADDRESS

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ABOUT OPEN ENTREPRENEURSHIP

Open Entrepreneurship is a collaboration between all Danish universities aiming to create more research-based startups.

www.open-entrepreneurship.com



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