

Anish R. Verma, PMP, BSc

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Professional Experience

Research Scientist + Program Lead | [1QBit](#)

Jan. 2020 – Present

- Designed and launched a quantum computing educational product to generate leads, establish talent pipelines, and build brand awareness, with universities like UCL, UC Berkeley, and more.
- Developed portfolio optimization solution that applies hybrid gate model quantum computing to a quadratic unconstrained binary optimization (QUBO) problem, yielding a 400% ROI – [Deck](#).
- Worked with cross-functional, multidisciplinary teams to advance product strategy, create product marketing plans, and publish 6 [white papers](#) for our flagship market information data product.

Chief Data Officer | [STEM Fellowship](#)

Feb. 2020 – Present

- Coordinated the organization's [data-driven programs](#), increasing client base by 123.5% and external reach to 56,221 leads, by defining, developing, and monitoring data-driven metrics.
- Managed a multidisciplinary team to design and launch 3 products, where the latest two flagship product updates resulted in a ~20% increased revenue year-over-year for the past 3 years.
- Engineered a NLP machine learning tool to identify project candidates from social media data. The model achieved >0.94 AUC and integrated into multiple workflows – [Publication 1](#), [Publication 2](#).

Business and Project Manager | [Quantum Algorithms Institute](#)

Oct. 2021 – Mar. 2022

- Built and managed multiple B2B and B2C stakeholder relationships for technical projects between government, schools, academia, and industry for projects up to \$250,000.
- Developed and executed lead generation strategies based on market analysis and usability studies resulting in over 50 engaged B2B leads for high performance computing and optimization projects.
- Applied data-driven solutions and product experience in emerging technology markets to communicate information at different levels of abstraction for clients and stakeholders.

Executive Editor + Journal Manager | [SFU SURJ](#)

Sep. 2016 – Sep. 2019

- Oversaw the editorial board with three other executives, responsible for the publication, running, and marketing of the journal to young academics and aspiring student researchers.
- Led discussions with universities and industry sponsors to generate ~80% of organization funding.

Skills

Product Management: Agile Methodologies, Market Analysis, Metric Definition, Jira, Asana, Aha!

Computational: Python, SQL, Javascript, Cloud (AWS, Azure), scikit-learn, PyTorch, Pandas, GitHub.

Data Science: Machine Learning, Data Engineering, Data Visualization, Statistics, Hypothesis Testing.

Design: Ideation, Adobe Illustrator, LaTeX, UX/UI, Technical Product Design, Web Design.

Education and Credentials

PMP – *Project Management Institute* – 2022

B.Sc. Honors (Distinction) – Chemical Physics – *Simon Fraser University* – [Valedictorian Speech](#) – 2018.