

# Jayesh V. Hire

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**Address:** - 201-Amber Pushpa, Sanghvi Estate;  
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**LinkedIn:** - [jayeshhire456](#)

**Summary:** - Masters (Physics) student who is passionate about Quantum Computing & Quantum Information. Have some theoretical knowledge in this field and want to apply it to real-world problems. Wants to work on industry-level actual Quantum Computers.

**Experience:** - Undergraduate Research Assistant

V.G. Vaze College - Mumbai

January 2019 – June 2020

- Coordinated research projects to achieve overall team efficiency.
- Gained knowledge about several ongoing projects.

**Present Affiliation:** - **POSTGRADUATE STUDENT**

**2021-2023 (Appearing)**

Department of Physics - University of Mumbai

Master of Science in Physics

**COURSE STUDENT**

**Introduction to Quantum Computing Course**

**Sep 2022 – Apr 2023 (Appearing)**

The Coding School – Qubit x Qubit

**Educational Qualifications:** -

SR.NO	QUALIFICATION	SCHOOL/ COLLEGE	BOARD/ UNIVERSITY	PERCENTAGE /CGPA	YEAR
1.	Bachelor Of Science (Physics)	V.G. Vaze College, Mulund, Mumbai	University of Mumbai	8.35 CGPA	2021

2.	H.S.C	B.K.Birla College (Autonomous) Kalyan	Maharashtra State Board	67.54%	2018
3.	S.S.C	G.E.I's High School, Kalyan	Maharashtra State Board	87.60%	2016

**Skills: -**

- QISKIT
- C
- Latex Overleaf
- Analytical Thinking
- CIRQ
- Python
- MS Office

**Publication: -**

Published a paper in the American Journal of Undergraduate Research (AJUR) named “Synthesis of graphene oxide enhanced agar composites: A biocompatible photo-catalyst for degradation of organic dyes”.

**Summer School/Workshop Attended: -**

1. Pre-Gordon Research School on Quantum Biology School (March 2023).
2. Practical Quantum Computing School (Cineca HPC Event) (November 28 – December 2).
3. IBM Quantum Challenge Fall 2022 (November 2022).
4. Qiskit Global Summer School 2022: Quantum Simulations– Quantum Excellence (IBM) (August 2022).
5. Quantum Science Day 2022 (QWorld) (June 2022).
6. A 10-Day Workshop on Quantum Key Distribution (SIAS Research) (July 20 - August 03, 2022)
7. Introductory Summer School in Astronomy and Astrophysics Organized by IUCAA, Pune (May 2021 - June 2021).

### **Certifications: -**

1. Certificate course on “Quantum Machine Learning” (IBM Quantum Research) (January - February 2023).
2. Certificate course on “The Complete Quantum Computing Course” (Udemy)(November 2021).
3. Certificate course on “Quantum Computing & Programming” organized by QGhana (QBronze) (QWorld) (June 2022).
4. Certificate course on “Quantum Computing & Programming” organized by QTunisia (QSilver) (QWorld) (June 2022).
5. Certificate course on “Innovating with Data & Google Cloud” (Coursera) (June 2022).
6. Certificate course on “Introduction to Digital Transformation with Google Cloud” (Coursera) (May 2022).

### **Extra Co-curricular Activities:**

1. Attended the International conference “Qubits22” organized by D-Wave.
2. Participated in Material characterization technique Lecture series.
3. Attended conference on “Photonics and lasers Academia Industry Meet” (IEEE Photonics society)
4. Attended a virtual event on “Efficient Computational Methods for Quantum Molecular Dynamics”.
5. One of the founding members of “Science Association Club” a science fest group during my undergraduate course.

### **Personal Profile:-**

- **Father's Name:** Vilas R. Hire
- **Mother's Name:** Bharati V. Hire
- **Date Of Birth:** 15 May 2001
- **Gender:** Male
- **Place Of Birth:** Dhule (Maharashtra)
- **Place Of Domicile:** Maharashtra
- **Nationality:** Indian
- **Marital Status:** Unmarried
- **Languages:** English, Marathi, Hindi
- **Hobbies:** - Playing Musical Instrument  
Traveling  
Reading Books

### **Declaration**

I hereby declare that all the information mentioned above is correct and complete to the best of my knowledge and belief.

Place: Kalyan, Maharashtra

Date :

Yours faithfully  
(Jayesh V. Hire)