

Vaibhav Kulkarni

Bioinformatics Researcher

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EXPERIENCE

Master's Research Student, Sep 2023 - Aug 2025

for Dr. Stéphane Aris-Brosou @ The University of Ottawa

Leveraging bioinformatic tools to unravel evolutionary relationships among viruses, contributing to a deeper understanding of viral species diversity.

Honors Research Student, Sep 2022 - Apr 2023

for Dr. Jan Mennigen @ The University of Ottawa

Conducted genetic research on goldfish hypoxia tolerance, focusing on histone modifications. Designed and executed lab experiments to explore stress adaptation mechanisms.

Lab Demonstrator, Sep 2023 - Apr 2024

University of Ottawa

Managed lab sections and grading for multiple undergraduate biology courses, implementing rigorous assessment methods to evaluate student performance accurately.

EDUCATION

Honours Bachelor of Science in Biology, Magna Cum Laude, Sep 2019 - Apr 2023

University of Ottawa

High School Diploma Equivalent, Sep 2016 - Apr 2018

Jai Hind College, Mumbai

CERTIFICATIONS

Workplace Hazardous Materials Information System Certification, Aug 2022

University of Ottawa

Experimental Fish Canada Certification, Aug 2022 - Sep 2022

Canadian Aquaculture Institute

SKILLS

Laboratory: Flow cytometry, Western blot, Microscopy, Chromatography,
Computational: Genomic Data Analysis, Python, R, Terminal (Linux), Bash, LaTeX, Excel,
Word, PowerPoint, Outlook.

LANGUAGES

English (proficient), Marathi (native), Hindi (proficient), French (conversational)