Mustapure Mrunal

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Education

University of British Columbia (GPA 9.5/10)   *BC, Canada*
Bachelor's of Science Major in **Computer Science** | Minor in **Mathematics** | **3rd Year Student**   *Sept 2022 – Present*
- **MasterCard Scholarship for Women in Computer Science** awardee worth **20,000 CAD**
- **Dean's List** for Outstanding Academic Achievement
- **First-year Mathematics Award** for Exceptional Academic Standing in Mathematics
- **2nd position in BC HACKS 4.0 Hackathon** won 1,400 CAD for the Finding Nemo app

MP International School & Junior College   *Maharashtra, India*
High School Diploma   *Apr 2019 – May 2021*
- 95.5% in Grade 12 SSC Board Exam

Work Experience

Teaching Assistant   *BC, Canada*
University of British Columbia   *Sept 2023 - Current*
- Clarified mathematical concepts, addressed inquiries, and guided students in effective problem-solving strategies for MATH 101 - Integral Calculus and MATH 125 - Precalculus
- Fostered a positive and supportive learning environment, aiding students in navigating course challenges.
- Demonstrated effective communication, patience, approachability, and empathy to cater to diverse learning needs in both courses leading to a increase in lab attendance by 10%
- **Soft Skills:** Efficient Time Management, Communication, Presentation skills, Patience, Empathy, Supportive guidance, Organizational skills, Problem-solving

Junior Developer | Undergraduate Academic Assistant   *BC, Canada*
University of British Columbia   *Apr 2022 - Aug 2022*
- Contributed to the development and expansion of the open problem bank for computer science and physics courses.
- Collaborated with a 7 person team under the guidance of Dr.Moosvi to adapt an open homework system in multiple courses at UBC Okanagan.
- Implemented auto-grading and automated feedback mechanisms in PraireLearn to enhance the learning experience for students.
- **Technical Skills:** Python, NumPy, GitHub, Docker, Maintenance, Debugging, Optimization
- **Soft Skills:** Collaboration, Communication, Adaptability, Problem-solving, Teamwork, Time Management, Communication, Presentation skills.

Volunteer Experience

Head of Operations at The Coding Club   *BC, Canada*
University of British Columbia   *Sept 2023 - Current*
- Led the planning and execution of diverse events, including Competitive Programming Sessions and Software Development Sessions and ensured that the club operations ran smoothly, managing logistics and resources effectively.
- Collaborated with the Coding Club team to ensure seamless operations to provide members with engaging and enriching experiences.
- Cultivated an inclusive environment within the Coding Club, promoting networking and collaborative projects.
- **Soft Skills:** Event Coordination, Strategic Planning, Team Coordination, Collaboration, Communication, Networking, Disruption-Management, Adaptability, Resilience

Lets Talk Science UBCO Mobile Biology Outreach Volunteer   *BC, Canada*
University of British Columbia   *Sept 2023 - Current*
- Fostered community engagement by bringing STEM education directly to schools and inspiring young minds.
- Communicated STEM concepts effectively to diverse audiences, adapting content for different age groups in a way that promoted curiosity and understanding.
- Collaborated with team members to plan logistics and schedule visits to ensure efficient outreach.
- **Soft Skills:** Teamwork, Communication, Presentation skills, Collaboration, Community Engagement, Leadership

Design Manager at the Girls in Tech club   *BC, Canada*
University of British Columbia   *Dec 2022 - Apr 2022*
- Demonstrated expertise in graphic design, creating visually appealing posters and posts for Girls in Tech events.
- Contributed to increased inclusivity and engagement by implementing a inclusive design approach, creating materials that resonate with minorities in STEM.
- Integrated feedback from club members to refine and improve design materials, ensuring alignment with club objectives.
- **Technical Skills:** Canva, Image Processing
- **Soft Skills:** Creativity, Communication, Adaptability, Collaboration, Feedback receptiveness

Skills

Programming	Java, Python, Processing, MIPS Assembly, C++, RStudio, HTML/CSS, JavaScript, Competitive Programming, GitHub, Docker, Maintenance, Debugging, Optimization
Miscellaneous	Maple, Matlab, Microsoft Office, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Communication, Presentation Skills, Supportive Guidance, Organizational Skills, Problem-solving, Critical Thinking, Quick-learner, Collaboration, Adaptability, Resilience, Event Coordination, Strategic Planning, Team Coordination, Networking, Disruption-Management, Community Engagement, Leadership, Creativity, Feedback Receptiveness

Relevant Courses

Computer Science	Supervised Machine Learning, Regression, Classification, Analysis of Algorithms, Introduction to Networks, Software Engineering, Data Structures and Algorithms, Computer Programming, Object Oriented Programming, Machine Architecture, Introduction to Discrete Structures, Computer Creativity, Computer Fluency
Mathematics	Complex Variables and Applications, Mathematical Proof, Calculus III, Matrix Algebra, Integral Calculus, Differential Calculus
Miscellaneous	Applied Statistics, Symbolic Logic, Indigenous Literature, Indigenous Narrative, Sustainability and its relationship to people

Languages

English	Professional proficiency
Hindi	Native proficiency
Marathi	Native proficiency
French	CEFR A2 Pre-intermediate level proficiency