

Mansi Patel

40 Hadley, Cres, Halifax, NS – B3N0E4 | Mansi.Patel@dal.ca | (902) 580 0987

January 28, 2022

Mr. Daniel Kyte

Pisces Office Manager

27 Parker St

Darhmouth, Nova Scotia, B2Y 4T5.

Dear Mr. Kyte,

I am writing to express my interest for the position of Ocean Programmer with Pisces Research Project Management Inc. as advertised on Dalhousie's MyCareer website. I am pursuing 2nd year of my Bachelor of Computer Science degree at Dalhousie University. I am student with a curious mind, and I am confident that my in-dept knowledge of web – development and my professional skills that I have acquired through academic coursework, projects, and passion for developing high-quality solutions will make me an asset for this position. Working for your company is a great opportunity for me to learn and build my technical and professional skills.

I have developed my interpersonal, organizational, and web skills while I worked with event organizing team at high school. As a member of event organizing committee, I worked with group of 6 people to discuss, plan, and schedule all the events at school. I was also individually responsible to handle social media profiles of the committee. I developed designing skills while I worked with Dalhousie university's google student developer club as a graphic designer, creating designs for various seminar, webinars, and other events working with team of people. Not only professional skills, but I also have a good experience with designing websites and debugging tools like Firebug, Chrome inspector as I have experience working with HTML, CSS, and JavaScript from last 2 years, and have also scored A+ on web-development course where I built a dynamic website as described on my resume. I have been practicing coding with different types of programming languages like C, C++, and Java which has helped me improve my problem-solving and analytical skills. I also have a good knowledge of MySQL and developing databases as I have worked on a database project before as mentioned in my resume. Furthermore, I am willing to learn new technologies that will allow me to widen my technical horizons and contribute to your organization.

I am excited to contribute my technical abilities and support towards your team to help your company achieve its goals. Please review my resume for a more in-depth illustration of work history and accomplishments. I would be pleased to meet with you for an interview to discuss the position and my qualifications further.

Thank you for your time and consideration,

Warm Regards,
Mansi Patel.

Mansi Patel

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LinkedIn: www.linkedin.com/in/mansi-patel-558b37219

Co-op Status

- Will have completed three of eight academic terms in April 2022
- Will be available for first Co-op term in May 2022

Education

Bachelor of Computer Science, Dalhousie University, Halifax, NS

Jan. 2020 – Sept 2025

- **Courses include:**

Software Development, Data Structures and Algorithms, Workplace communications, Discrete Mathematics, Database Management, and Web – development
(CGPA – 4.23)

Skills

Technical:

- **Programming Languages:** HTML, Java, C/C++, JavaScript, CSS, Python, PHP, React JS
- **Database systems:** MySQL, Oracle
- **Tools:** Visual Studio Code, IntelliJ IDEA
- **Operating Systems:** Windows, MacOS, Linux
- **Version Control:** GIT

Professional:

- Communication
- Teamwork
- Technical writing
- Teaching
- Time management
- Patience
- Organization
- Multitasking
- Multilingual – English, Hindi, and Gujarati

Academic Projects

Academic Timetable Website – Dalhousie University

Jan. 2021

- **Technologies Used:** HTML, CSS, JavaScript, JSON
- Built and designed a website which displayed various courses and schedule details.
- Made the website responsive by adding mobile and table views and designing a toggle button for dark mode.
- Added functionality for students to add/drop the courses.

Library Project – Seventh Day High School, India

Oct. 2019

- **Technologies Used:** MySQL and Python
- Collaborated with a diverse team of 5 students to build a database for library to help manage various library records.

- Identified assignment requirements, then designed and built the database.
- Successfully communicated the scope of the project by writing clear, accurate technical specifications and presenting the project summary to the class

Farmers' Market Game – Dalhousie University

Nov. 2021

- **Technologies Used:** Java, IntelliJ IDEA
- Designed a console-based game where I wrote the code for the game where a farmer can buy a farm, grow, and harvest different type of food using different types of soil, evaluate the time required to grow the food and give the cost of food accordingly.
- Implemented the functionality of the game using OOPs concepts.

Experience

Graphics Designer, Google Developer Students club, Dalhousie University

Jan. 2022 – Present

- **Technologies Used:** MS Power Point, Canva, Adobe Photoshop, WIX.
- Working with the team of 10 students to discuss design ideas and accordingly prepare power point presentations, poster designs, and social media posts for various events.

Peer Mentor, Hackathon, Dalhousie University, Halifax, NS

Jan. 2022

- Hosted meetings to help team of 15 student collaborate and work together to build a website. Helped them by explaining topics and providing resources for the event.

Note Taker, Computer Science, Dalhousie University

Sept. 2021 – Present

- Supporting student success by breaking complex topics into simple, understandable notes and provide those notes within 48 hours of the class schedule.

Teaching Assistant, Seventh Day High School, Gujarat, India

Jun. 2019 – Dec. 2019

- Supported student success by condensing complex concepts into simple-to-understand explanations through different means of communication (tutorials, videos, lectures, online content). Moreover, assisted teachers in preparing for various in-class activities and help them to schedule their meetings.
- Assessed, graded, and logged student performance on assessments according to faculty policy

Interests

Vlogging, Video Production, Writing, Reading, Designing, and Coding

References Available on Request.

- Back-end web development in Python and Django
- Front-end web development with CSS, JavaScript, and HTMLAssist on the design/creation/implementation of projects.

What we're looking for

- A passion for the ocean
- Experience working with:
 - Ocean data management
 - A scripting language e.g. PythonWeb technologies(HTML, CSS, JavaScript)
 - Relational databases
 - Version control systems like GitLinux

What you'll get

- Leadership experience within a rapidly growing, innovative scale-up
- Experience in the fast growing ocean research sector
- Experience in the rapidly growing field of ocean data management
- Dedicated mentoring from senior staff
- To be part of an awesome fun team in a flexible, welcoming environment

Citizenship Requirements: Compliant with <https://nrc.canada.ca/en/support-technology-innovation/nrc-irap-funding-hire-young-graduates>

Location: Canada. Pisces RPM is a fully distributed organization.

Start date: Early September 2021 (negotiable)

Pay: Salary range \$32,000 – \$73,000 annually. (Actual salary based on experience)

Please apply with a cover letter and resume to: piscesrpm@piscesrpm.com

Subject line: Ocean Data Management is Fun! Junior Data and Information Management Advisor

We will be interviewing as applications are received, please apply promptly.

Ocean Programmer

Pisces Research Project Management Inc. (Pisces RPM www.piscesrpm.com) is a research and development project management company passionate about making the greatest positive impact for our ocean research money and time. Pisces maintains honest, transparent and fun relationships, and brings these

principles to our project management services to give researchers and businesses back their time.

Pisces RPM is seeking a 16 week co-op student to assist with various computer tasks.

- Responsible for project management assistance with data management and project management tools (ResearchGate, Google Scholar and DBLP
- Perform web design, development, and maintenance including front-end, back-end, and database development
- Provide internal IT support to a small company who live and work all over the world.
- Assist in the design/creation/implementation of internal projects.
- database design and implementation, Back-end web development in Python and Django, Front-end web development with CSS, JavaScript, and HTMLAssist, etc.

Pisces RPM takes the mentoring of students very seriously and will allocate dedicated time to facilitate the student's on the job learning and career development. Pisces RPM is a distributed organization but can also offer students a location at the Center for Ocean Venture and Entrepreneurship (COVE)
www.coveocean.com

Supervisors: Brad Covey, Daniel Kyte

Education level: This opportunity is available to students

- Enrolled as a full time student at a post-secondary college or university in Nova Scotia
- Can provide documentation to prove your Canadian Citizenship, Permanent Resident or Refugee Status in Canada
- Eligible to work in Canada

Required competencies: An ideal candidate will need to have the foundations of the public relations skills and functions, strong organizational tendencies as well as basic web skills including social media (twitter, linked-in). Ability to work in a distributed team environment, excellent oral and written communication skills, and reliability are required. Creative problem solving and marketing aptitude would be an asset. Candidates with a passion for the ocean and a talent for organization are ideal.

Work term outcomes:

The successful applicant will:

- Acquire first hand experience in being part of a rapidly growing, innovative scale-up
- Be part of the production of inhouse reporting software
- Acquire valuable experience in the fast growing ocean research sector

Start date: Early January 2022 (negotiable)
2022(negotiable)

End date: End April

Pay: \$16.15/hour, 40 hours/week (flexible scheduling)

Please apply with a cover letter and resume to: Daniel Kyte,
daniel.kyte@piscesrpm.com

General opportunity

Location: Remote work, Canada (Preference for candidates in Newfoundland, Ottawa, BC or the Arctic)

About Pisces RPM: Pisces Research Project Management Inc. (Pisces RPM

www.piscesrpm.com) is a research and

development project management company

passionate about making the greatest positive impact for our ocean research money and time. Pisces maintains honest, transparent and fun relationships, and brings these principles to our project management services to give researchers and businesses back their time.



Guiding principles

1. Pisces is committed to making the greatest positive impact with our ocean research money and time.
2. Pisces is committed to creating transparent, long-lasting and mutually beneficial collaborations.
3. Pisces maintains honest, transparent and fun relationships through communication, empathy and allowing each member of the collaboration to focus on joyful work.