

**Mansi Patel**  
**Halifax, Nova Scotia | 902-580-0987 | Mansi.Patel@dal.ca**  
**LinkedIn: [www.linkedin.com/in/mansi-patel-558b37219](https://www.linkedin.com/in/mansi-patel-558b37219)**

## Education

**Bachelor of Computer Science**, Dalhousie University, Halifax, NS (CGPA – 4.23) Jan. 2020 – Sept 2025

- **Courses include:**  
Software Development, Data Structures and Algorithms, Workplace communications, Discrete Mathematics, Database Management, and Web – development

## Skills

### Technical

- **Database systems:** MySQL, Oracle
- **Programming Languages:** Python, Java, C/C++, JavaScript, CSS, HTML, React
- **Tools:** Visual Studio Code, IntelliJ IDEA
- **Operating Systems:** Windows, MacOS, Linux
- **Version Control:** GIT
- **Software Systems:** Microsoft Office 365, Tableau

### Professional

- Inquisitive by nature with keen interest in **problem solving** and **critical thinking** and thrives on tackling diverse challenges.
- **Responsible** individual with great **organizational skills**, who works with dedication and commitment to bring assigned task to completion and leads by example.
- **Detail-oriented** and **quality focused** work ethic with the aim of increased productivity in work projects, can effectively with diversified group of people
- Exceptional **written** and **verbal communication skills** and ability to fluently communicate in English, Hindi, and Gujarati.

## Volunteer Experience

**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

**Information Technology Service Specialist**, Gujarat, India Oct. 2020 – Mar. 2021

- Provided technical support via telephone, emails, and in-person for Windows, Mac and Linux Systems for IT services offered by School.
- Provided technical support for students using school library equipment.

**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.

## Academic Projects

**Library Project** – Seventh Day High School, India Oct. 2019

- **Technologies Used:** MySQL

- 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

**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.
- Added functionality for students to add/drop the courses.

**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.

## Interests

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

References Available on Request.

**Mansi Patel (She/Her)**

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

March 1, 2022

Ms. Ronnie Scullion

3698 Highway 331

Lahave Nova Scotia B0R 1C0

Dear Ms. Ronnie Scullion,

I am writing to express my interest for the position of Computer Instructor/ Digital Media Co-op with Artech Camps as advertised on Dalhousie's MyCareer. I am pursuing 2<sup>nd</sup> 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 programming languages, teaching experience, and 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 developed my **organizing** and **teaching skills** while I was working as teaching assistant at my high school. As a teacher my job was to help student understand complex topics of math and science by given then simplified notes and explaining those topics in a way that they can grasp the concept easily. Additionally, I have been practicing programming languages like **Java**, **C**, and **Python** for more than 4 years. I have strong knowledge of object-oriented programming and data structures with java and have received A+ twice for the related courses at university. Moreover, I also have good knowledge of web technologies like **HTML**, **CSS**, **JavaScript** and **JSON** and I have built a dynamic university time-table website as a project for one of the courses I took at university. Not only technical skills, but I have also developed communication, organization and designing skills while I worked with Dalhousie university's google student developer club as a graphics designer, I worked with the team of 10 students where we discussed and created graphic designs individually for the events and seminar. 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.

Visit this link for video introduction -

<https://drive.google.com/file/d/1rxSkkUkwWOB6mjUHwZF7mt5XJqiVbEQI/view?usp=sharing>

Date Issued: January 17, 2022

ID Number: B00871094

Birth Day-Month: 13-Jul

National ID:

Issued to:  
MANSI.PATEL@DAL.CA

HALIFAX, NS B3N0E4

**Name: Patel, Mansi**

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**Degrees/Diplomas and Honours Awarded:**

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|   |   |      |   |                                | <u>Course<br/>Credit Hrs</u> | <u>Grade</u> | <u>Median<br/>Grade</u> | <u>Enrol</u> |
|---|---|------|---|--------------------------------|------------------------------|--------------|-------------------------|--------------|
| <b>2020/2021 Winter</b>                               |   |      |   |                                |                              |              |                         |              |
| <b>Bachelor of Computer Science: Computer Science</b> |   |      |   |                                |                              |              |                         |              |
| CSCI  | E | 1105 | 1 | Intro to Computer Programming  | 03.0                         | A+           |                         |              |
| CSCI  | E | 1120 | 1 | Intro to Computer Systems      | 03.0                         | A+           |                         |              |
| CSCI  | E | 1170 | 1 | Intro to Web Design & Devel.   | 03.0                         | A+           |                         |              |
| CSCI  | E | 1801 | 1 | Case Studies in Comp & Society | 03.0                         | A+           |                         |              |
| Undergraduate GPA: Term: 4.30                         |   |      |   |                                | Cumulative:                  | 4.30         |                         |              |
| Not Assessed - Elig. to Return                        |   |      |   |                                | Sexton Scholar               |              |                         |              |
| <b>2021/2022 Fall</b>                                 |   |      |   |                                |                              |              |                         |              |
| <b>Bachelor of Computer Science: Computer Science</b> |   |      |   |                                |                              |              |                         |              |
| ASSC  | E | 1800 | 1 | Computing and Society in Hist  | 03.0                         | A+           | A-                      | 403          |
| CSCI  | E | 1109 | 1 | Practical Data Science         | 03.0                         | A+           | A-                      | 99           |
| CSCI  | D | 1110 | 1 | Intro to Computer Science      | 03.0                         | A+           | A-                      | 115          |
| CSCI  | D | 2141 | 1 | Intro to Database Systems      | 03.0                         | A+           | B                       | 168          |
| CSCI  | D | 8890 | 1 | Co-op Seminar                  | 00.0                         | PASS         |                         |              |
| MATH  | D | 1000 | 1 | Differential & Integral Calc I | 03.0                         | A-           | C                       | 133          |
| Undergraduate GPA: Term: 4.18                         |   |      |   |                                | Cumulative:                  | 4.23         |                         |              |
| In Good Standing                                      |   |      |   |                                |                              |              |                         |              |

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**GRADES NOT AVAILABLE**

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Course  
Credit Hrs

**Current Program: 2021/2022 Winter**

**Bachelor of Computer Science: Computer Science**

**2021/2022 Winter**      CSCI   D   1315   1   Discrete Math for CS

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*Adam Robertson*

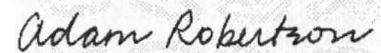
Assistant Vice Provost  
(Student Affairs) and  
University Registrar

Name: Patel, Mansi

|                  |      |   |      |   | Course                       |  |              | Median                    |
|------------------|------|---|------|---|------------------------------|--|--------------|---------------------------|
|                  |      |   |      |   | <u>Credit Hrs</u>            |  | <u>Grade</u> | <u>Grade</u> <u>Enrol</u> |
| 2021/2022 Winter | CSCI | D | 2100 | 1 | Workplace Comm for CS        |  |              |                           |
| 2021/2022 Winter | CSCI | D | 2110 | 1 | Data Structures & Algorithms |  |              |                           |
| 2021/2022 Winter | CSCI | D | 2134 | 1 | Software Development         |  |              |                           |

End of Transcript

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Assistant Vice Provost  
(Student Affairs) and  
University Registrar

**Faculties of: Arts & Social Sciences<sup>1</sup>, Sciences<sup>1</sup>, Management<sup>1</sup>, Health Professions<sup>2</sup>, Dentistry<sup>3</sup>, Agriculture<sup>3</sup>**

Grade Points

|    |     |    |                  |
|----|-----|----|------------------|
| A+ | 4.3 | C+ | 2.3              |
| A  | 4.0 | C  | 2.0              |
| A- | 3.7 | C- | 1.7              |
| B+ | 3.3 | D  | 1.0              |
| B  | 3.0 | F  | 0.0              |
| B- | 2.7 | FM | 0.0 <sup>4</sup> |

<sup>1</sup> Since 1991<sup>2</sup> Since 1993<sup>3</sup> Since 2013<sup>4</sup> Available only for Health Professions 1993 onwards & Bachelor of Commerce 2010 onwards

**Faculty of Law<sup>1</sup>**

Grade Scale

|    |        |     |            |
|----|--------|-----|------------|
| A+ | 85-100 | C+  | 65-67      |
| A  | 80-84  | C   | 60-64      |
| A- | 78-79  | D+  | 55-59      |
| B+ | 75-77  | D   | 50-54      |
| B  | 70-74  | F   | <50        |
| B- | 68-69  | INC | Incomplete |

<sup>1</sup> Since 2005

**Faculty of Medicine<sup>1</sup>**

Grading

|    |             |
|----|-------------|
| P  | Pass        |
| F  | Fail        |
| IP | In-Progress |

<sup>1</sup> Since 2000

**Faculty of Graduate Studies<sup>1</sup>**

Grading

|                 |                      |
|-----------------|----------------------|
| Passing Grades: | A+, A, A-, B+, B, B- |
| Failing Grades: | FM, F                |
| Thesis grading: | IP - In-Progress     |
|                 | Approved             |
|                 | Not approved         |

<sup>1</sup> Since 1992

**Course Codes:**

**Numbering**

0010-0099 pre university preparation courses  
0100-0300 technology level courses  
1000 level courses are introductory undergraduate studies  
2000-4000 level courses are advanced undergraduate studies  
5000-9000 level courses are Graduate level (with some exceptions)

**Credit Hours**

.06 = six credit hours  
.03 = three credit hours  
.02 = two credit hours (technology level)

**Explanation of Abbreviations**

|            |  |
|------------|--|
| APPR       | Approved                                   |
| AUDIT      | Audit                                      |
| DEF        | Deferred Exam                              |
| DIST       | Distinction                                |
| F          | Failure                                    |
| FM         | Marginal Failure                           |
| HONR       | Honours                                    |
| ILL        | Ill (neutral in GPA)                       |
| INC        | Incomplete (F in GPA)                      |
| IP         | In-Progress (for thesis/independent study) |
| NP         | No Paper (prior to 1993)                   |
| P-NOCR     | Pass no credit (grade too low)             |
| Pass       | Pass                                       |
| PENDING    | Grade pending (neutral in GPA)             |
| REMED Rep  | Remedial replacement                       |
| SUP Rep F  | Supplemental replaces F                    |
| SUP Rep FM | Supplemental replaces FM                   |
| TR         | On admission transfer                      |
| W          | Withdrew (academic penalty prior to 1993)  |
| *          | denoted Median not reported, enrolment <10 |
| Repeat I   | Repeated course included in GPA            |
| Repeat E   | Repeated course excluded in GPA            |

**Dalhousie Notes:**

- Effective 1990/91 a median grade is reported for all undergraduate courses with enrolment  $\geq 10$
- Prior to May 1999 the GPA was calculated by degree. Effective May 1999 the GPA is calculated by level. Levels of study with GPA's:
 

|    |  |
|----|--|
| AC | Architecture/Engineering (Years 3&4)   |
| DN | Dentistry  |
| HP | Health Professions   |
| TC | Technology Diploma (Faculty of Agriculture)  |
| UG | Agriculture, Arts & Social Sciences, Science, Computer Science, Engineering (Years 1&2) Management |
- For Dalhousie students taking courses at other institutions; prior to May 1991 the actual grade earned at the other institution is recorded in the remarks column. From May 1991 the grade is recorded in the grade column. From May 2003, for non Canadian institutions, Pass/Fail only is recorded.
- The notation: Academic Forgiveness appears when a student's GPA has been reset following a prolonged absence from the university and subsequently has returned to good standing.
- Effective 2010/2011 when a course has been repeated at the undergraduate level, only the higher grade is included in the GPA

**NSAC-Nova Scotia Agricultural College**

Located on a 165 hectare property in Bible Hill, Nova Scotia, Canada, the Nova Scotia Agricultural College opened in 1905. On September 1, 2012 the College merged with Dalhousie University. The resulting Faculty of Agriculture offers bachelor and masters programs, technician and technology programs, as well as continuing and distance education.

**Course Numbering-2004-2013**

|           |                            |
|-----------|----------------------------|
| 0000-0099 | Non Credit Level           |
| 0100-0300 | Technical Level (2 Credit) |
| 1000-4000 | Bachelor Level (3 Credit)  |
| 5000-9000 | Master Level               |

**Grade Scale Prior to 2013**

|  |             |
|--|-------------|
| Grades range from 0 to 100, other grade notations: |             |
| IN   | Incomplete  |
| CIP  | In-Progress |
| AU   | Audit       |
| DF   | Drop/Fail   |
| P  | Pass        |

**Grade Requirement Prior to 2013**

The pass mark for individual courses is 50%. The requirement for graduation in a degree program is a cumulative average of 60% or higher.

**Historic information for all Faculties and TUNS Technical University of Nova Scotia (formerly Nova Scotia Technical College) is available online at [www.dal.ca/transcriptkey](http://www.dal.ca/transcriptkey).**

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