**Dikchha Rijal**

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**Summary:**

An aspiring computer programmer and a tech enthusiast, passionate about coding and software development, currently specializing in Java, JavaScript, HTML, CSS, and DBMS (MySQL, Microsoft Access). Having more than 3 years of experience in research and technical writing. Looking for opportunities to exercise my skill sets on technology and research.

**Work experience:**

Research Technician                                                                          October 2020 – August 2023  
  Department of Microbiology and Immunology  
  University of Ottawa, Ottawa, Canada

* Experience in research and analyzing multidisciplinary science projects, knowledge of data analysis software (GraphPad Prism, FlowJo, Kaluza)
* Experience in technical paper writing with 4 paper publications
* Experience in technical data presentation at the conference (CSI conference in 2016)
* Mentored graduate and undergraduate students and worked as a team on projects
* Collaborated with OHRI and Riverside Hospital on scientific research project

**Program related Skills:**

* Software development skills with Java:
  + Experience coding and developing programs, debugging, JUnit, OOP with Design Patterns, Graphical user interface, UML Diagrams, IDE Software-Eclipse
* Development environments:
  + Experience in Windows and Linux, proficient in using VMware Workstation
* Relational Database:
  + Experience in SQL (PostgreSQL, Microsoft Access, MySQL, MS SQL server)
  + Experience constructing queries in a large database structure, creating ERD diagrams, data entry and normalization of data
* Experience in HTML5, CSS, JavaScript, IDE Software-Visual Studio
* Microsoft Word, Excel, PowerPoint, Access

**Education:**

Diploma in Computer Programming (Co-op)                                                  September 2023 – Present  
Algonquin College-Ottawa, Ontario

* Dean's Honor's List
* GPA-4/4

  Master of Science in Microbiology and Immunology                                       2017  
  University of Ottawa, Ontario

**References available upon request**