

Renchen Sun

#3004 J.R Finn, 290 Westmount Road North Waterloo, ON N2L 3G3

Cell Phone: 519 - 591 - 9660

Email: r26sun@uwaterloo.ca Website: csclub.uwaterloo.ca/~r26sun LinkedIn: <http://www.linkedin.com/in/renchensun>

10 Peel Centre Drive
Suite A and B
Brampton, ON
L6T 4B9, Canada

Re: GIS DEVELOPER

Dear Recruiter for Region of Peel,

I am excited for the possibility of bringing my talents to Region of Peel in the position of GIS Developer as advertised on Indeed. With my excellent skills and solid experience of geography information system and programming skills, I am confident that I can make solid contributions to this organization.

During my study at University of Waterloo, I achieved 3.92 out of 4.00 GPA. On top of that, I am proficient in programming in C++ for software development, utilizing DBMS (Oracle 11g, IBM DB2) for data management and applying GIS applications (ArcMap, ArcCatalog, ArcScene, FME) and techniques (Spatial Analysis, Network Analysis, Data Analysis & Management) to solve complex problems. With strong programming skills in C++, I have posted 10 projects on [Github](https://github.com). One of the projects is the Game of Quadris, a C++ implementation of Tetris which employed object-oriented software engineering techniques and graphical interface. With familiarity of DBMS and ArcGIS, I designed a spatial database for features on the campus of University of Waterloo by employing Oracle Spatial, data modeling, data integration, and data conversion techniques. What is more, I have a solid understanding of database concepts. One of the databases I have developed is the Digital Camera Purchasing System which I applied databases design techniques such as data modeling, entity relationship diagram, and SQL. Even more, I have experience in the analysis of the transportation system in Vancouver, which can support decision-making for travellers to travel around the city more efficiently. With in-depth familiarity with GIS techniques and a strong foundation of computer science and ability to learn quickly, I am confident that I am one of the best candidates for this position in this organization.

I would appreciate the opportunity to further discuss my future with Region of Peel. I am currently available from 1:00 - 3:00 pm on Monday, Wednesday, and Friday; 4:00 - 6:00 pm on Tuesday and Thursday. I have attached my resume detailing my outstanding academic and strong technical skills.

Thank you, your time and consideration is highly appreciated. I look forward to speaking with you about this exciting opportunity.

Kindest Regards,

Renchen Sun