

Renchen Sun

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Toronto, ON M3C 3R8

Re: Software Development Internship

Dear Recruiter for ESRI Canada,

I am excited for the possibility of bringing my talents to ESRI Corporation for the internship opportunity as advertised on esri.com/careers. With my excellent academic background, solid experience of C,C++, sound understanding of data structure and algorithm, strong aptitude to learn and apply knowledge quickly. 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 problem-solving and communicating skills 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. What is more, I have nearly one year experience of using DBMS such as Oracle 11g and IBM DB2. 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 am an enthusiastic and quick-learner. In my spare time, I learned more computer science knowledge and took more computer science courses at University of Waterloo compared to other Geomatics students. With excellent ability to learn new technologies quickly, proficiency in programming, and a strong foundation of computer science, 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 ESRI. 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