Renchen Sun

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Arista Networks Inc
Suite 350, 3605 Gilmore Way
Burnaby, British Columbia
Canada V5G 4X5
R&D Office

Re: Software Engineering

Dear Recruiter for Arista Networks Inc,

I am excited for the possibility of bringing my talents to Arista Networks Corporation in the position of Software Engineering as advertised on Jobmine of University of Waterloo. I am impressed by the software defined cloud networks solution for large data center and high-performance computing environments that Arista Networks provides. With my excellent academic background and solid experience of Object-oriented programming, 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. One of the projects is the Game of Quadris, a C++ implementation of Tetris which employed Object-oriented software engineering techniques and graphical interface. In addition, I am familiar with classical algorithms and passionate for data structures. In April 2013, I made a family tree tracker which employed N-tree data structures and applied many recursive algorithms. What is 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. In August 2013, I spent three weeks learning web design technologies, and then I developed my personal website. Even more, I finished a CS course which focuses on Object-oriented software development in July 2013. In that course, I can always finish assignments quicker than other CS students and get higher marks (98%) than the average (40%). The final mark for me in this course is 95%. 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 Arista Networks. 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