Christopher Ross
Software Developer

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Languages & Interests
C, C++, Java, C#, finance, OpenGL, assembly, low-level programming, microcontrollers, shell scripting, HTML, CSS, Javascript, SQL, Agile software development, operating systems, .Net, networks, concurrent programming, machine learning, image processing, algorithms, LaTeX, web programming, databases, physics

Experience

2018-Now   **Senior Software Developer @** TD   *Toronto, ON*
- I develop a quantitative modelling platform for the treasury department
- Work on valuation, risk analysis, and hedging of financial instruments
- I work mainly in C# and C++ in a Windows development environment
- Gained strong understanding of financial and accounting principals

2016-2017   **Software Engineer II @** Dell EMC   *Burlington, ON*
In addition to my previous responsibilities:
- Responsible for the planning and design of new features
- Occasionally resolved high priority customer escalations

2015-2016   **Associate Software Engineer @** Dell EMC   *Burlington, ON*
- Developed datacenter software using mainly C, C++, C#, and Java
- Worked closely with relational databases like Microsoft SQL Server
- Worked in both Linux and Windows development environments
- Worked with a highly distributed international team

Education

2011–2015   **B.Sc. Honours** Computer Science   *University of Saskatchewan*
Graduated with High Honours

Noteworthy Courses:
- *Image Processing and Computer Vision (CMPT487)*
- *Computer Graphics and Animation (CMPT485)*
- *Advanced Algorithms (CMPT463)*
- *Foundations of Concurrent Programming (CMPT435)*
- *Computer Networks (CMPT434)*
- *Advanced Operating Systems Concepts (CMPT432)*
- *Machine Learning (Project Design and Implementation) (CMPT405)*
- *Research Topics in Computer Science (CMPT400)*

Awards & Recognition

2015   **High Honours**   *University of Saskatchewan*
For having a graduating average over 80%

2011   **Guaranteed Entrance Scholarship**   *University of Saskatchewan*
For having an admission average over 85%

Volunteer

2014–2015   **Computer Science Student Society**   *University of Saskatchewan*
Member of the Executive Council

Projects

OS432: A simple operating system for the Raspberry Pi written in ARM assembly and C.
Pleasantville: A city based graphics sandbox programmed in C++ using OpenGL.
chrislross.com: My own personal website hosted on GitHub.