

# Christopher Ross

Software Developer

## Contact

Oakville, ON, Canada

chrisross@outlook.com  
+1 (306) 716 9046

www.chrisross.com  
ca.linkedin.com/in/chrisross  
github.com/fightingsleep

## 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  | <b>Senior Software Developer @ TD</b><br>- I develop a quantitative modelling platform for the treasury department<br>- Work on valuation, risk analysis, and hedging of financial instruments<br>- I work mainly in C# and C++ in a Windows development environment<br>- Gained strong understanding of financial and accounting principles | Toronto, ON    |
| 2016-2017 | <b>Software Engineer II @ Dell EMC</b><br>In addition to my previous responsibilities:<br>- Responsible for the planning and design of new features<br>- Occasionally resolved high priority customer escalations  | Burlington, ON |
| 2015-2016 | <b>Associate Software Engineer @ Dell EMC</b><br>- Developed datacenter software using mainly C, C++, C#, and Java<br>- Worked closely with relational databases like Microsoft SQL Server<br>- Worked in both Linux and Windows development environments<br>- Worked with a highly distributed international team                           | Burlington, ON |

## Education

- |           |   |                            |
|-----------|---|----------------------------|
| 2011-2015 | <b>B.Sc. Honours Computer Science</b><br>Graduated with High Honours<br><br>Noteworthy Courses:<br>- <i>Image Processing and Computer Vision (CMPT487)</i><br>- <i>Computer Graphics and Animation (CMPT485)</i><br>- <i>Advanced Algorithms (CMPT463)</i><br>- <i>Foundations of Concurrent Programming (CMPT435)</i><br>- <i>Computer Networks (CMPT434)</i><br>- <i>Advanced Operating Systems Concepts (CMPT432)</i><br>- <i>Machine Learning (Project Design and Implementation) (CMPT405)</i><br>- <i>Research Topics in Computer Science (CMPT400)</i> | University of Saskatchewan |
|-----------|---|----------------------------|

## Awards & Recognition

- |      |  |                            |
|------|--|----------------------------|
| 2015 | <b>High Honours</b><br>For having a graduating average over 80%                    | University of Saskatchewan |
| 2011 | <b>Guaranteed Entrance Scholarship</b><br>For having an admission average over 85% | University of Saskatchewan |

## Volunteer

- |           |  |                            |
|-----------|--|----------------------------|
| 2014-2015 | <b>Computer Science Student Society</b><br>Member of the Executive Council | University of Saskatchewan |
|-----------|--|----------------------------|

## 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.  
**chrisross.com:** My own personal website hosted on GitHub.