Chris Ross

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Personal Profile

I am a senior software developer with experience in quantitative finance and data protection. I have been designing, implementing, and testing software systems professionally for the last 5 years. However, I have been writing software for much longer than that. I have work experience in C/C++ and C#, but I am proficient in many other languages as well.

Education

University of Saskatchewan
2011- 2015
B.Sc. Honours Computer Science

Recognition

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

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

Experience

TD
2018 - Present

Senior Software Developer
Treasury Department

I work on a quantitative modelling platform for the treasury department. The software is responsible for valuation, risk analysis, and hedging of the bank's assets and liabilities. I work mainly in C# and C++ in a Windows development environment. I have gained a strong understanding of financial and accounting principles from this role.

Dell EMC
2015 - 2017

Software Developer II
Data Protection Division

Associate Software Developer
Data Protection Division

I developed data-center backup & recovery software using mainly C, C++, and C#. Development was done in both Linux and Windows development environments. I worked closely with relational databases like Microsoft SQL Server, etc. I gained experience working within a highly distributed international team. I was responsible for the planning, design, and implementation of new features. I also occasionally resolved high priority customer escalations.

Projects

OS432
A simple operating system for the Raspberry Pi written in ARM assembly and C.

Pleasantville
An open world graphics sandbox programmed in C++ using OpenGL.

chrislross.com
My website. Hosted on GitHub