

**ALBERT O'CONNOR**  
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## **Objective and Summary**

A driven, mathematically analytical and resourceful software developer seeking a position in the Waterloo region. Bringing 5 years of development and programming experience, practical leadership experience and ability to quickly learn new technologies. Possessing passion, vision and dedication for solving interesting problems.

## **Skills**

- Experienced with developing, testing and troubleshooting large programs in C++
- Wrote, maintained, and integrated utility, web, and distributed programs in Python
- Designed and integrated UI written in C# with existing code
- Specified and implemented a distributed build farm with web interface in Python
- Able to research, evaluate and synthesize technical information for development
- Background programming in teams and independently
- Developed on Windows, Linux, and Mac OS X
- Possesses leadership experience
- Organized and thorough communicator
- Quick and competent learner

## **Experience**

### **HARRIS CORPORATION**

Developer

2003 - 2008

- Worked in a team of five to develop a real-time client/server rendering framework written in C++ on Windows
- Assisted in the redesign of the streaming media subsystem and developed support for QuickTime
- Designed and implemented distributed build farm software with web interface, both in Python
- Learned, maintained and extended a custom build system written in Python independently
- Solved issues in released legacy software, written in C and C++
- Deployed and maintained a wiki on Linux for the development team

### **UNIVERSITY OF WATERLOO**

Turnkey

2004 - 2005

- Helped to solve a wide variety of practical problems
- Researched answers to questions beyond my personal expertise
- Handled money

### **KELLY'S MUSIC & COMPUTERS**

Web Developer

2002

### **INSCRIBER**

Quality Assurance

2001

## **Education**

UNIVERSITY OF WATERLOO

2005

- Honours Bachelors of Mathematics in Computer Science
- Minor in Pure Mathematics
- Focus on Graphics, Distributed Systems, and Programming Languages in 4th year

## **Positions and Accomplishments**

- Senator, University of Waterloo, 2004 to 2005
- Board of Directors, Federation of Students, 2004
- Alan George Award for Leadership and Contribution to Student Life, 2005
- Federation of Students' Leadership Award, 2003
- Recently completed an around the world trip

## **Interests**

Curling, Drama, DJing