

Stephen Kraemer

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SKILLS SUMMARY

C++11	<div></div>	
python	<div></div>	• Expert GNU/Linux user
C	<div></div>	• Skilled in multi-threaded programming
Java	<div></div>	• Version Control: git, svn, perforce

WORK EXPERIENCE

Oracle, Endeca Server Team, *Boston, MA* Apr-Aug 2013
Software Developer

- Increased query performance by up to 10% by finding and fixing a bug in cache eviction algorithm.
- Worked in performance-sensitive code, such as the main thread scheduler.

Autodesk, Alias Team, *Toronto, ON* Aug-Dec 2012
Software Developer

- Completely redesigned the printing workflow.
- Fixed bugs and added features in newly added modelling tools.

Avvasi Inc., Packet Processing Team, *Waterloo, ON* Jan-Apr 2012
Software Developer

- Ported Internet Protocol parsers from an older product to a newer one.
 - Gained knowledge of RTSP, RTMP, and HTTP protocols.
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EDUCATION

Candidate for Bachelor of Applied Science Sept 2009 - Apr 2014
Mechatronics Engineering University of Waterloo, ON

Fourth Year Design Project Sept 2013 - Apr 2014

- Designing a “smart” suitcase that tracks its position, detects mishandling, and weighs itself; reporting this information to a smartphone.
- Software lead in a team of four.
- Coding in C++ and Java, using an Arduino and creating an app on Android.