

Stephen Kraemer

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SKILLS SUMMARY

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|--------|-------------|---|
| 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, integrating Qt into a product that did not previously use it.

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

- Ported RTMP and RTSP parsers from an older product to a newer one.
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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.
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INTERESTS

- Heavy metal music
- Video Games: Minecraft, Pokemon, Zelda
- University of Waterloo Engineering Society member