

# Stephen Kraemer

[github.com/straemer](https://github.com/straemer)  
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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

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## 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.