

# Saiprasad Warang

4th year, Computer Science, **University of Waterloo**

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## OBJECTIVE

Looking for a challenging developer opportunity to work on a complex technical project. Interested in creating a product and devising solutions for performance of applications with large user bases.

## SKILLS SUMMARY

**Languages:** C/C++, Java, Python, Objective-C, HTML+CSS, Javascript, Haskell, Scala

**Web programming:** Ruby on Rails, Node.js,

**Big data tools:** Hadoop, MapReduce, Mesos, Spark, HBase

- Solid understanding of large scale computing and distributed systems
- Passionate about user interfaces and mobile platforms
- Fast learner, intrinsically motivated and disciplined to start early, set goals, and deliver positive results

## EMPLOYERS

Software Engineer, **Zynga**, San Francisco, CA (Winter 2013)

Maintained and updated mobile client-side libraries. Wrote a content cadence service for game related assets on both iOS and Android based games.

Technologies used: Objective-C, Java

Software Engineer, **Tagged**, San Francisco, CA (Summer 2012)

Built pipelines for user engagement data, and developed real-time analytics tools using the Spark cluster computing framework.

Technologies used: Scala, Java, Apache Mesos, Spark, EC2, Haskell, Redis

Software Developer, **Fixmo**, Toronto, ON (Fall 2011)

Worked on Sentinel releases. Also prototyped a rule-based automated engine to interpret mobile device activity and execute lock/wipe.

Technologies used: Java, C#, ASP.NET, Vaadin

Software Verification Engineer, **Klocwork**, Ottawa, ON (Summer 2010)

Developed web extensions for proprietary static analysis tools to analyze code snippets in the browser and also worked on internal developer tools.

Technologies used: PHP, Python, Javascript, CouchDB

QA Specialist, **Christie Digital Systems**, Kitchener, ON (Fall 2009)

Automated hardware test cases that got incorporated in the test suite database.

Technologies used: VBScript, XML, Shell scripting

## **PERSONAL PROJECTS**

- Built an autonomous robot capable of navigating a 16x16 maze in under 2 minutes
- Created an Amazon price tracker to get notifications on price drops for watched products
- Wrote a browser-based Sudoku solver
- Solved ~70 problems on projecteuler

## **EDUCATION**

**Bachelor of Computer Science** University of Waterloo; Waterloo, ON; September 2008 - May 2013 (expected)

- President's Entrance Scholarship, University of Waterloo
- Presented a seminar on 'Prime Number Testing Algorithms' in an undergraduate student-run initiative to promote computer science and math

## **INTERESTS**

Tango, scrabble, tennis, electronic dance music, evolutionary psychology