Yifan Gu

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Professional Experience

Software Engineer Intern in Test at Marin Software SF   2013.5 – 2014.5

- Developed and maintained the automation test framework that simulates the process of posting an ad to publishers and syncing it back and verifying the related data
- Coordinated with product managers and developers to create test cases for new features and automated existing regression tests
- Reviewed others' code to maintain the quality and consistency of our code base

Technical Skills

- **Programming:** Java (proficient), Python, C and Shell Scripting
- **Development tools:** Eclipse, Vim, Sublime, Maven, Github and SVN
- **Web** (prior experience)**:** JavaScript, AJAX, JSP and HTML/CSS
- **Database** (prior experience)**:** PostgreSQL, Hadoop, JDBC and XML
- **Others:** Agile, Jira, OO Design, Network, Unit Test and Spring Framework

Education

Honors Bachelor of Science at University of Toronto   2009.9 - 2014.8

- Computer Science Specialist Program
- CGPA: 3.26/4.00

Projects

- **Bubble Breaker Web Game (On my personal website)**

    A puzzle game implemented by XHTML, CSS and JavaScript
- **Simplified TCP (Computer Networks Course: CSC458)**

    Implemented a reliable transport layer, a simplified version of TCP
- **DeepSea: An Extension to Hive (Project Course: CSC494)**

    Learned about how Hadoop, MapReduce and view materialization work. Fixed several bugs in DeepSea. Conducted experiments to test performance of DeepSea and verified arguments in our supervisor's unpublished paper.