Tristan Amini

(416) 801-5288   tsamini@uwaterloo.ca   github.com/Tamini

Relevant Experience

Interset   **Ottawa, ON**
Software Engineer   *September 2014 - December 2014*

- Built administration pages for use internally and by customers using JavaScript, HTML and CSS.
- Wrote bash script to allow for automatic OVA creation for customer deployments of software bundle.
- Created Scala application to read and anonymize millions of data entries from log files.
- Fixed a registry key related bug in the company's agent using C++.
- Lots of experience setting up and troubleshooting a Hadoop/HBase/Spark installation.
- Wrote many maven and SBT files to package builds and deploy them to internal Artifactory server.

Polar   **Toronto, ON**
DevOps   *January 2014 - April 2014*

- Set up easily recreatable and destroyable virtual machines using Chef, Knife and vSphere.
- Created a variety of MySQL dump scripts in Python and SQL that are run daily using cron.
- Used Chef to quickly configure Jenkins jobs to allow for automated building of projects.
- Maintained and added to a suite of Selenium tests for use on Polar's MediaVoice product.
- Set up unit testing and linting for the various Chef cookbooks used at Polar.
- Wrote an IRC bot in Python to help coordinate users and add useful features to the IRC chat.

Jenkins CI   **www.jenkins-ci.org**
Contributing Community Member on GitHub   *April 2014 - Present*

- Fixed a bug in the Cobertura plugin which required use of Java, Maven and Apache Jelly.
- Updated the Jira plugin to use a better method for building strings.
- Added unit tests for new features to prevent regression.

Personal Projects   **github.com/Tamini**
Notable Coding Projects   *September 2010 - Present*

- **AntiChess** Created an chess game with a custom made AI. AI implemented alpha-beta pruning and depth-first search.
- **UW Course App** Wrote the Java and SQL backend for an android app that allowed for viewing and rating University of Waterloo courses.
- **Résumé** This résumé was written entirely in LaTeX and the source can be found on GitHub!

Summary of Technical Skills:

Languages: Java, C++, Shell Scripting, JavaScript, HTML, CSS, Python, Ruby, Chef, MySQL, LaTeX and basics of x86 Assembly

Other Tools: Git, Maven, SBT, AngularJS, Regex, Jenkins CI, SolidWorks, Emacs, Vim, Eclipse IDE