Jerry Jiang

2A Software Engineering

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github.com/tpcstld

Summary of Qualifications

- **Languages:** Javascript, Java, C#, C++, C, Python, SQL, Visual Basic, VHDL, HTML,XML
- **Technologies:** Flask, Node.js, ASP.Net, Jekyll, CGI, Java RMI, WPF, Ajax, Selenium
- **Tools:** Git, SVN, Vim, Eclipse, Visual Studio, Android Studio, IDLE, IDEA
- **Systems:** Windows, Linux, Android, Embedded Systems (Microcontrollers)

Work Experience

Desire2Learn Incorporated – Kitchener, Waterloo

Software Developer (April 2014 – August 2014)

- Designed, implemented, and maintained new and existing features for webpages and products
- Collaborated with teammates to resolve performance, usability, and security issues
- Developed RESTful APIs and command-line applications to help clients import metadata

Projects

2048 Android App (ls.tpcstld.me/LZ5YTvpNy)

- A clone of the 2048 puzzle game for Android
- 36000+ downloads, 4.4 stars on Google Play

YouTube Downloader (ls.tpcstld.me/LQ8a2SYnw)

- A website that downloads YouTube videos in mp3 or mp4 format
- Built caching systems to save the converted files
- Designed using jQuery and Foundation Javascript frameworks.

Link Shortener (ls.tpcstld.me)

- A URL shortening service hosted with Google App Engine
- Implemented Google's NDB schemaless datastore to organize and save the links

Activities and Clubs

Midnight Sun Solar Race Car Team (Sept 2013 – Ongoing)

- Programmed for Midnight Sun's main microcontroller (Chaos) in C
- Interfaced with hardware I/O

Computer Science Club (Sept 2009 – June 2013)

- Taught members algorithms (e.g. BFS) and data structures (e.g. queues) as President
- Participated in the CCC, ECOO, DWITE, and CASCON programming contests

Education

Candidate for Software Engineering

University of Waterloo, Waterloo, Ontario, Sept 2013 – Present

- Achieved a 98% average in 1A term, 93% in 1B term

Ontario Secondary School Diploma

Glenforest Secondary School, Mississauga, Ontario, Sept 2009 – June 2013