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SUMMARY OF QUALIFICATIONS

- Confident with algorithms/data structures and design patterns, through coursework and contests
- Ability to collaborate with developers using source control software including *Git* and *SVN*
- High competency with Unix/Linux based OS like *Debian Jessie 8.3* and *Fedora 24*
- Fluency with the following languages and software: *C/C++, Java*, *Python, Bash*, *Vim, Eclipse*
- Experience writing detailed editorials for contest problems; examples on my personal website
- Efficient time management and leadership skills through lecture planning and outreach in CSEC

RELEVENT PERSONAL PROJECTS

Mobile Waste Wizard   **City of Toronto Waste Management**   March 2015 –May 2015
- Designed algorithms/data structures to reduce query time, and generate relevant results
- Followed *agile* methodology to take our team through the prototyping phase in 3 months
- Application presented to committee as a solution to motivate residents to Reduce, Reuse, Recycle

Fuudi   ***Canadian Football League - Hackathon***   November 2015
- Designed algorithms/data structures to parse database, and generate relevant player statistics
- Played a critical roll in helping team members debug their modules for the project. These include the *Twitter* API, *XML* for Android, *Java* idiosyncrasies, and *IBM Bluemix*
- Presented application to a panel of judges as a solution for engaging new users to Canadian Football through fantasy sports media coverage

PokemonShowdownBot   ***Open Source***   June 2016- Current
- Integrated *LaTeX* and *Imgur* software/APIs into existing project, allowing users to communicate verbose mathematical symbols not easily achievable through *Unicode*
- Increased user engagement in the Math room though use of Markov Chain generated sentences, chat games like PeriodicParser (users parse a random word using periodic table elements), usage of the gnome calculator, and *GNU bc* (challenging floating point arithmetic/accuracy)
- Consistent refactoring of source code to adhere to *pep8* standards

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EDUCATION AND RELEVANT COURSEWORK

Toronto, Ontario   **University of Toronto**   Fall 2015 – Present
- Candidate Honours BSc, Computer Science and Statistics
- Undergraduate Coursework: Calculus I, II, III; Linear Algebra I, II; Intro to CS I, II; Discrete Mathematics; Software Design; Theory of Computation; Introduction to Probability;
- Co-founder of CSEC (Computer Science Enrichment Group); a non-for-profit organization assisting students with career development and exposing them to new branches of computer science

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AWARDS AND ACHIEVEMENTS
- Canadian Computing Olympiad – Bronze Medallist
- USA Computing Olympiad – Gold Division
- HackerRank World Cup – Semi-finalist

ACTIVITIES AND INTERESTS
- Competitive programming on Codeforces, TopCoder, OpenKattis; my handle is wgma00
- Blogging about programming, games, and jokes on my personal website
- Attending hackathons like SportsHack, MHacks, and YHacks