Kanwar Gill

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"We are what we repeatedly do, excellence then is not an act, but a habit." – Aristotle

EDUCATION

UNIVERSITY OF TORONTO
HBSc in Computer Science
Expected April 2016 | Toronto, ON
Cum. GPA: 3.51/4.0
Dean's List (2nd & 3rd Year)

LINKS

Github:// **Kanwar245**
LinkedIn:// **gillkanwar**

SKILLS

PROGRAMMING
Proficient:
Python • Java • Bash
Intermediate:
C • Perl • PHP • JavaScript
HTML5
Familiar:
Assembly • LaTeX • CSS3

TOOLS
Shell • Eclipse/NetBeans
SVN/Git • Selenium
Firebug • IBM Data Studio
HP Fortify

OPERATING SYSTEMS
• OS X • Linux/Unix • Windows

COURSEWORK

UNDERGRADUATE
Engineering Large Software Systems
Operating Systems (Teaching Asst 2x)
Numerical Analysis (Teaching Asst 1x)
Functional Programming (Teaching Asst 1x)
Databases (Teaching Asst 1x)
Software Tools and Systems
Programming

PROJECT LINKS

SCHOOL
• News Investigator (2014)
• Simple Search Engine (2013)
• Buxfer Application (2013)
• Tumblr Mobile Client (2013)
• OS/161 (2013)

RESEARCH
Characterizing the caching behavior of
Distributed Cloud Applications (2015)

EXPERIENCE

UNIVERSITY OF TORONTO | Teaching Assistant
May 2015 – PRESENT | Toronto, ON
- Graded assignments and tests, prepared for tutorials, and responded to e-mails in a timely manner.

IBM | Software Developer Intern
May 2013 – Aug 2014 | Markham, ON
- Part of the DB2 Information Development Infrastructure team.
- Used Perl, PHP, Java to automate various processes as well as to develop programs as per the requirements.
- Worked closely with the information developers to troubleshoot defects and provided/supported the tools that they used to write documentations.
- Developed, tested, and pushed to production a new functionality for the corporate content management system.

CIBC | Technical Analyst
Sept – Dec 2012 | Toronto, ON
- Provided support to the Information Security team through research, investigation, and analysis of industry cyber threats.
- Assisted in developing business logic related to security monitoring use cases.
- Performed vulnerability analysis of enterprise code using HP Fortify.
- Wrote a research paper on passwords vs. passphrases strength highlighting the industry trends around the two.

ENVIRONMENT CANADA | Database Support
Jan – Apr 2012 | Toronto, ON
- Provided support regarding database/application issues using JavaScript.
- Developed technical documentations fpr NAS, CHAD, and Image databases.
- Noted for excellent time-management, communication, and teamwork skills.

HONORS & AWARDS

Nov. 2015	Computer Science Speaker, Arts & Science Co-op Dept., Fall Campus Day
Oct. 2015	Panelist Speaker, Computer & Math. Sciences Dept., Arts & Science Co-op Conference
Oct. 2015	Dean's List (3rd Year), University of Toronto
May 2015	Undergraduate Summer Research Award, NSERC
Oct. 2013	Dean's List (2nd Year), University of Toronto
Sept. 2010	University of Toronto Scholar, University of Toronto
Sept. 2010	Entrance Award, University of Toronto

INTERESTS & ACTIVITIES

- President of Co-op Students' Association (2014-15); currently Executive Advisor.
- Co-Founder and VP Membership of UTSC Toastmasters (2014-15); love public speaking.
- Love learning about new technologies and their impact on the society.
- Enjoy playing squash, table tennis, soccer, and cricket.
- Reading books on personality development, music, and travelling.