Kanwar Gill

http://kanwargill.ca
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EDUCATION

UNIVERSITY OF TORONTO
HBSc in Computer Science
Co-op Program | 2010 - 2016
Graduated with High Distinction
Cum. GPA: 3.54/4.0
Dean's List (2nd, 3rd, & 4th Year)

LINKS

Github:// KanwarGill
LinkedIn:// gillkanwar

COURSEWORK

- Engineering Large Software Systems
- Operating Systems (Teaching Asst 2x)
- Databases (Teaching Asst 1x)
- Programming Languages (Teaching Asst 1x)
- Numerical Analysis (Teaching Asst 1x)
- Web Programming
- Algorithm Design & Analysis
- Design & Analysis of Data Structures

SKILLS

PROGRAMMING
Proficient:
Python • Java • Bash
Intermediate:
C • Perl • JavaScript • HTML5
Scheme • Haskell • jQuery • SQL
Familiar:
Prolog • couchDB • CSS3 • node.js
PHP • SAS

TOOLS
Shell • Eclipse/NetBeans • Git
Selenium • Firebug • IBM Data Studio
HP Fortify • Sublime Text • Microsoft
Office

OPERATING SYSTEMS
- OS X • Linux/Unix • Windows

HONORS & AWARDS

- Computer Science Speaker,
March Applicant Showcase, March 2016
Fall Campus Day, Nov 2015
- CMS Work Term Panelist,
NWOW Conference, Oct 2015
- Undergraduate Summer Research
Award, NSERC, May 2015
- University of Toronto Scholar, Sept 2010
- Admission Award, Sept 2010

EXPERIENCE

TD | IT Solutions Developer
July 2016 – Present | Toronto, ON
- Part of the Enterprise Enabling Technology Solutions (EETS) Anti-Money Laundering (AML) team.
- Provided technical/analytical leadership of components being developed for various projects within the AML portfolio.
- Assisted in developing high quality solutions for projects consistent with project objectives and client requirements following technology standards.
- Performed analysis to support business strategies and initiatives.
- Defined, documented and translated high level business requirements into system requirements specifications.
- Created and reviewed project documentation as required.
- Developed effective solutions by researching/analyzing issues.

UNIVERSITY OF TORONTO | Teaching Assistant
May 2015 – April 2016 | 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 2015 | Markham, ON
- Part of the DB2 Information Development Infrastructure team.
- 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.
- 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.

SCHOOL PROJECTS

MATPLOTLIB | Jan – April 2016 | Github:// matplotlib
- Worked in a team of 5 to add new features and perform bug fixes for the open-source Python 2D plotting library. Pull requests can be found here and here.

News Investigator | Sept – Dec 2014 | Github:// newsinvestigator
- Used Flask, couchDB, and Bootstrap to scrape useful information from certain news sources for monitoring of correlations.

Twitter RESTful API | Sept – Dec 2013 | Github:// restfulapi
- Followed RESTful design to parse information from JSON file using node.js and bootstrap.

INTERESTS/ACTIVITES

- Involved with the Junior Achievement Company Program (JACP) as an advisor for 2016-17.
- Involved in the following technology associate committees at TD: Social, Charity, Journal, and Health & Wellness.