KANWAR GILL

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EDUCATION

UNIVERSITY OF TORONTO
Master of Teaching | 2018 - 2020
Ontario Certified Teacher
Action Research Paper:
Math Anxiety in Elementary Classrooms

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

COURSEWORK

UNDERGRADUATE
Engineering Large Software Systems
Software Tools Systems Programming (Teaching Asst 2x)
Operating Systems (Teaching Asst 2x)
Software Tools and Systems Programming (Teaching Asst 2x)
Functional Programming (Teaching Asst 3x)
Intro to Computer Science (Teaching Asst 2x)

LINKS

Github:// KanwarGill
LinkedIn:// gillkanwar

SKILLS

PROGRAMMING
Python | Bash | C | Angular | JavaScript | HTML5 | Java | jQuery | SQL | PostgreSQL | CSS3 | node.js | Scheme | Haskell

TOOLS
JIRA | VS Code | Git | Postman | Eclipse | Bitbucket | IBM Data Studio | Jenkins | Maven | Webstorm | MS Office

OPERATING SYSTEMS
OS X | Linux/Unix | Windows

WORK EXPERIENCE

IBM | Software Developer
May 2013 – Aug 2014 | Markham, ON
- Implemented an appealing UI using jQuery UI on the existing internal pages for information center translation increasing the render time by more than 90%; commended by the team members.
- Developed an understanding of web application framework CakePHP; successfully applied it in an internal tool for information center builds.
- Self-learned jQuery plugins such as Data Tables and SlickGrid to be used in the information development tracking tool for the information developers.
- Demonstrated quick learning skills pertaining to technologies like PHP, Perl and applied them to fix any problem reports or requirements opened by the ID department.
- Strengthened data mining skills through creation of reports in Cognos Report Studio reflecting the percent complete for each of the different releases and deliverable types.

TD BANK FINANCIAL GROUP | Software Engineer
July 2016 - July 2018 | Toronto, ON
- Built the CI/CD pipeline from the ground up resulting in a push to deploy time of under five minutes; a time savings of more than 70%.
- Implemented a brand-new feature using AngularJS for an internal tool.
- Coded Python and Bash automation scripts using REST APIs for Bitbucket project administration.
- Strengthened team skills by following the AGILE model of software development and collaborating with the senior developers and the QA team to deliver fast paced solutions.
- Assisted in developing high quality solutions for projects consistent with the objectives and client requirements following technology standards.
- Documented the scenario code for more than two hundred active scenarios (monitoring transactions) for the business.

UNIVERSITY OF TORONTO | Teaching Assistant
May 2015 – Aug 2020 | Toronto, ON
- Implemented a bash script from scratch to auto-mark C coding assignments; decreased the marking time by more than 80%.
- Enhanced organization and problem-solving skills by leading tutorials for Math and Computer Science courses.
- Developed excellent communication skills by facilitating weekly tutorials as well as by maintaining strong contact with the professor.
- Demonstrated time management by planning a schedule to grade assignments and tests, preparing for the tutorials, and responding to e-mails.

HONOURS & AWARDS

- Participant of the TD TechJam (Feb 2017). Selected to present the idea to the TD Retail Distribution Operating Committee (RDOC) in Waterloo (May 2017).
- Computer Science Speaker at the March Applicant Showcase (March 2016).
- NSERC Undergraduate Summer Research Award, $4500, 2015; See research presentation here.
- President of Co-op Students' Association (2014-15); Won $10,000 in funding as part of the UTSC 50th Anniversary Students' Fund.
- Co-Founder and VP Membership of UTSC Toastmasters (2014-15).
- University of Toronto Scholar, $5000, 2010; Grade 12 average of more than 95%.
- University of Toronto Entrance Scholarship, $3000, 2010.