

Arjun Dhiman

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EDUCATION

Bachelor of Science, University of Toronto, (2014-Present)

Major in Computer Science and Mathematics, 4th year

TECHNICAL SKILLS

- Markup languages: HTML, CSS, LaTeX
- Programming: Java, Scala, C, Python, PHP, Javascript, BASH, Groovy
- Database: MongoDB, MySQL, Postgres
- Other: Hadoop, Apache Spark 2.2.+, Git, SVN, Bootstrap, AngularJS, JQuery, Object – Oriented Programming, Design Patterns, DevOps
- Tools: Docker, Jenkins, Airflow, Ansible, JIRA
- Strong understanding of various data structures and algorithms.
- Understanding on many web service stacks. (i.e. MAMP)
- Operating Systems: Linux, Mac OSX, Windows (XP, 7, 8, 8.1, 10).

WORK EXPERIENCE

Associate Programmer Analyst (05/2017 – 08/2018)

Scotiabank – 225 King St W Toronto, ON M5V 3M2

- Collaborated with many different teams to onboard projects into an automated scene using various DevOps tools and practices.
- Collaborating with Business Analysts to understand the problem at hand and to obtain a feasible and efficient solution.
- Collaborated with other teams and sources to create an application to find trading risk. Using Apache Spark 2.2.1, Hadoop, and Scala
- Worked on a RestFul API written in Java 8, that provides many different internal applications secured data throughout different testing and development environments.
- Collaborated with the DevOps team to write development pipelines for Jenkins using Groovy

Web/Mobile Application Testing and Maintenance (01/2014 – 08/2014)

TheAppLabb – 219 Dufferin Street, Suite 204 B, Toronto, ON M6K 3J1

- Performed testing on web-based applications
- Fixed small scale bugs for various web-based applications

- Reporting mobile application bugs to the senior development team using a ticketing system.
- Collaborated with senior development team and in office teammates to organize and strategically solve various issues and bugs.
- Worked with, and fixed small bugs for WordPress based applications.

Jr. Web Developer

(09/2010-04/2012)

Thistletown Collegiate Institute – 20 Fordwich Crescent, Toronto, ON M9W 2T4

- Designed and produce a demo design for the school website
- Developed all of the client side and server side code.
- Developed and tested small scale web-based applets.
- Created very general UML diagrams for the school website.

PROJECTS

Chat Bot

- Handled multiple clients, and maintained a database of their information.
- Responded to certain messages sent by the clients using sockets.
- Completed individually, and implemented using C.

Mock Shell System

- Handled running built-in commands in new processes using forks.
- Supported standard input, output, and error redirection using pipes.
- Completed individually, and implemented using C.

INDIVIDUAL PROJECTS

- SlideChat – Is an online free educational platform that allows a presenter to dynamically interact with his/her viewers in real-time.
- Educational Game - Competed in the 2015 U of T hackathon, the game allows children in elementary and primary school solve some fun mathematical expressions.

EXTRA-CURRICULAR ACTIVITIES

Teaching Assistant, Canadian Math Kangaroo Contest

(2015)

- Prepared grade 3-12 students for the contest.
- Provided sample solutions to problems from training materials.
- Taught students how to think logically to solve complicated problems.
- Invigilated and marked the contest.