



RAFI RAHMAN

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Junior Developer • Toronto

Education

Sept. 2014
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Aug. 2019

● **University of Toronto, St. George**

Honours Bachelor of Science with Distinction | CGPA: 3.4

 Toronto, Ontario

Computer Science | Physical & Environmental Geography | History & Philosophy of Science & Technology


Dean's List, Winter 2016

Work Experience

May 2018
|
Aug. 2018

● **Rogers Communications**

Developer


 Toronto, Ontario

- Built and maintained supplementary frontend frameworks for CI/CD pipelines used by Sportsnet.ca, 680 News, and other major Canadian media brands.
- Developed complimentary Node.js driven MySQL interface and associated database and schemas to track various CI/CD stats.
- Collaboratively developed Angular frontend for managing, visualizing, and querying CI/CD stats database.

Feb. 2013
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Jun. 2013

● **Ottawa Catholic School Board**

Teaching Assistant

 Ottawa, Ontario

- Managed, organized, instructed, and administered behavior management policies for multiple elementary classes of students aged 5 to 12.

Selected Projects

April 2019
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Present

● **Dockerized Web Server**

Personal Project

- Deployment and management of ~20 Docker images/containers on Ubuntu for varied remote and local functionality.
- Configuration of strict HTTPS access control, double proxied via Cloudflare and local NGINX instance.
- Managed graphical dashboard visualizing various server and container metrics using Grafana with InfluxDB.

Oct. 2017
|
Nov. 2017

● **Multiprocessed BMP Filter Server**

CSC209, Systems Programming

- Designed multiprocessed, multi-user HTTP server developed in C99 to perform image filtering on server and/or client-side bitmap files, with strict memory allocation guidelines.
- Leveraged client-server communication through POSIX APIs for forks/pipes, sockets, and binary R/W

Sept. 2016
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Nov. 2016

● **Persistent Image Tag Manager**

CSC207, Software Design

- Developed Java-based GUI program for searching, and organizing images found on a given filesystem.
- Enabled users to access and modify serializable image objects stored in recursive directories, and perform queries at a later time.

Skills

Java C99 Python Verilog JavaScript Node.js jQuery CSS3

HTML5 MySQL InfluxDB Git Bash/zsh NGINX Docker ArcGIS