

AFZAL CHISHTI



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<https://github.com/afzalch>

Skills

LANGUAGES

Java (Beginner)
C (Intermediate)
C++ (Intermediate)
C# (Beginner)
Golang (Intermediate)
Python (Beginner)
HTML (Intermediate)
CSS (Intermediate)
JavaScript (Intermediate)
SQL (Beginner)

TOOLS & ENVIRONMENT

Linux
Docker
Kubernetes
Openshift
Helm
LaTeX
Git
Eclipse
Pytest
JUnit
Bootstrap
jQuery
MongoDB
Node
OpenGL
Docker

Interests

App Development, Web
Development, Game
Development, Multimedia

Projects

Store Inspector | Java

Feb. 2018 - May 2018

- Created a program that organizes all the stores in the city of Chicago based on type, risk (hygiene), and address
- Uses **ADT**, **data structures** and **algorithms** to efficiently store and access the data
- Results in application that returns closest store to location and ranks stores by risk factor

FreeCell | C++

May 2018

- Created a FreeCell game for computers
- Created multitude of **modules** to handle basic operations such as creation of tableau piles
- Resulted in FreeCell that would randomly create all the tableau piles and constantly check whether the game is won or over

Blog App | Node.js, Express, MongoDB

September 2018

- Designed web application which shows blog posts and allows user to create a new blog post
- Used **Express**, **Request**, **EJS**, **Sanitizer**, **Semantic-UI** and **MongoDB** npm packages
- Resulted in application which through the use of Sanitizer package ensures that user is unable to input any JavaScript into blog post
- Uses RESTful routing styles

Laser Defender | C#, Unity

January 2019

- Developed a 2D scrolling game which consists of player destroying enemy ships
- Used particle effect, sound effects, VFX
- Resulted in a game with single level, replay option and points allocation

Education

McMaster University

Hamilton, ON

Bachelor of Applied Science – Computer Science

Sept. 2016 - May 2021

- Completed 3rd year

Employment

IBM

Jan 2020 - Present

Devops Engineer

- Implemented Db2 product with our existing project through the use of Helm Charts
- Created scripts and documentation for upgrade from one version of Guardium Insights to newer version
- Led teams in their testing and installation of Guardium Insights on Openshift clusters by debugging their issues

IBM

May 2019 – Dec 2019

Full stack web developer

- Implemented 3 gRPC and Golang-based API within a crucial data pipeline for IBM Security Guardium Insights
- Utilized Typescript, React, and NodeJS to develop 3 responsive components and features for the offering's main web application

AVTEK

August 2018 – May 2019

Campus Technician

- Set-up and take down of audio, visual and staging at campus events
- Oversee events to ensure equipment continues to function properly
- Assist in school events by operating lights and/or sound