

# AFZAL CHISHTI



chishtia@mcmaster.ca



647-551-1075



<https://www.linkedin.com/in/afzal-chishti/>



<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 3<sup>rd</sup> 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