

## SUMMARY OF QUALIFICATIONS

- **Industry & Academic experience with Java, C++ and MySQL.**
- Held leadership and volunteer positions which involved the use of Photoshop as well as management and communication skills
- Passionate about creating applications, large-scale projects and programming, as shown by experience in Hackathons and various projects

## EXPERIENCE

### Software Engineer, PointClickCare

(January 2020 - April 2020)

- Designed load test using Apache JMeter for Microsoft Azure application to identify performance bottlenecks in cloud pipeline.
- Implemented Automation Tests using Java & Selenium for ensuring stability and continued functioning of Application. Increased automation coverage by ~5 times.

### Head of IT and Design, XMUN Secretariat

(June 2017 - August 2018)

- Successfully led the technical aspect of the 500+ participant event by communicating with various sponsors, printing agencies and IT Specialists
- Designed website, social media posts and banners for the event using Photoshop to attract delegates

### Deputy of Design - TEDxTheHeritageSchool

(January 2016 - September 2016)

- Maintained stage layout according to TEDx Standards, and managed AV systems for the presentations, activities and performances
- Learnt the fundamentals of project management, design and professional communication

### Volunteer - HackTheNorth (September 2019)

- Volunteered to manage activities, workshops and the judging process at the Hackathon

### Volunteer - Waterloo Engineering Competition

(October 2019)

- Helped maintain and manage the overnight Engineering Competition by providing teams with technical support with electrical components.

## PROJECTS

### The (Un)Reliable Dictionary - Python (March 2020)

- A program that randomly selects a online dictionary to find a definition for the given word.
- Made using Python 3 and Urban Dictionary API.

### Banking Management System - C++ (March 2019)

- Created a program to simulate withdrawal, deposits and bank statements using Turbo C++
- Used built-in graphics libraries for the GUI, and implemented extensive file handling
- Scored full credit for the project in final exam

### Android App: TrashIn (Hackathon)

(November 2017)

- Developed App using Thunkables to convince people to undertake environmental initiatives such as recycling, in return for rewards & prizes
- Selected as one of 5 finalists in ShriTeq Hackathon out of 20 participants

### Graphical Area Calculator - C++ (September 2017)

- Created program that can calculate the area, perimeter, and volume of 2D and 3D shapes
- Learnt how to develop Graphical Interfaces using built-in libraries

## INTERESTS AND HOBBIES

### Guitarist and Bassist

- Performed in over 30 music festivals, charity events and school events
- Taken Rockschoool Practical Examinations for Electric Guitar; completed the final grade (Grade 8) with distinction

### Cryptography, Cyber Security and Ethical Hacking

- Participated in numerous CTF-styled Cryptography events, and learnt about encryption