

## EDUCATION

**Victoria Park Collegiate Institute** ·  
**Sept. 2017 to Current**  
Relevant Courses : Computer Science, Advanced  
Functions, Calculus and Vectors

## SKILLS

**LANGUAGES SPOKEN:** English, French, Hindi, Urdu  
**PROGRAMMING:** Java, Python, JavaScript, C++, SQL  
**TOOLS/FRAMEWORKS:** Flask, Express.js, Git, Node.js, MongoDB, React.js, AR Studio, Django  
**OTHER SKILLS:** Photoshop, Web Development, Videography, App Development, Photography, Content Creation

## EMPLOYMENT

### ACORN BIOLABS

Assistant Intern

Oct. 2020 to Current

- Working on increasing user engagement with the brand by curating various marketing campaigns and conducting user A/B testing
- Designing workflows to make user appointment process more efficient and adding more functionality to the company web page

### APOLLO NEUROSCIENCE

Research Intern

June 2020 to Oct. 2020

- Conducted a research project to study sleep data derived from hundreds of users
- Analyzed the impact an Apollo Wearable had on user sleep quality and tracked the changes in sleep metrics over the course of 6 months
- Built machine learning algorithms like K-Means clustering, Principal Component Analysis, Correlation matrices etc
- Designed visualizations to represent the data using various tools such as Figma, Canva and Photoshop

### CELLULAR AGRICULTURE CANADA

Student Intern

June 2020 to Oct. 2020

- Curated and published interactive articles about developments in the field of cellular agriculture and its applications
- Worked with mentors from organizations like New Harvest and CellAgri to spread awareness and educate youth about this field
- Produced a video series with researchers talking about the groundbreaking work being done in the field to ensure a green and sustainable future
- Handled social media campaign across various platforms such as TikTok, Instagram and Twitter to increased user engagement by 45%

### TORONTO POLICE SERVICE

Summer Student

July 2019 to Aug. 2019

- Supervised/Instructed and volunteered the Blue Jay's foundation events including Rookie League and various other events.
- Performed general office duties and handled confidential information for the Toronto Police database
- Conducted a variety of auto-vulnerability and speeding tests on civilians

## VOLUNTEERING

### AGA KHAN MUSEUM · Student Photographer

July 2017 to Current

- Mentored students in a one-week photography course with the Fredrick Roberts Photography Workshops
- Participated at the Scotiabank CONTACT Photography Festival
- Worked alongside the Lieutenant Governor's Office of Ontario to promote the 2030 Agenda for Sustainable Development, adopted by the United Nations
- Had work exhibited at the Aga Khan Museum, Queen's Park and schools all over Ontario

### GLOBAL ENCOUNTERS PROGRAMME · Service Trip to India

Dec. 2019 to Jan. 2020

- Participated in a service expedition trip to India along with participants from 13 countries worldwide
- Performed community service at local schools in Hyderabad and Gujarat by implementing a library system to enhance learning abilities and conducted mental health workshops to relieve stress and anxiety of students
- Explored the healthcare system of Rural India in Gujarat and Hyderabad by studying the barriers to essential healthcare and how large entity organizations are addressing these issues

## PROJECTS

### PERSONALIZED VIRTUAL ASSISTANT

- Developed a virtual assistant using various open-source libraries and APIs in python
- Incorporated many features like sending an email, fetching stock prices and game scores, Spotify integration, conducting speed tests, checking the weather and performing complex computational and mathematical problems

### BANKING DATABASE SYSTEM

- Created a backend banking database interface in Java using the SQL Server as the database
- Added functionality for multiple users to coexist as well as have multiple accounts, of which they could track the money spent

### NETFLIX CLONE

- Designed and developed a web app that mimics the functionality and features of popular streaming service, Netflix
- Worked on the front end using React JS and Firebase as well as TMDB to fetch movie data

### REAL-TIME FACE MASK DETECTOR

- Built a simple lightweight, object detection program that can determine when someone is wearing a mask or not and if they are protected, ensuring the safety of others
- Leveraged the Object-Detection API and TensorFlow framework to train the SSD-mobile net neural network consisting of 300+ images to come up with these detections

### COVID-19 TRACKER

- Constructed a web application capable of displaying live data about a various number of cases, deaths and recoveries worldwide
- Worked on the front end using React JS and Firebase as well as Disease.sh to fetch the data