

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

Research Intern

Sept. 2020 to Dec. 2020

- Built a dashboard tracking various user/sales metrics and monitoring user behaviour and increased user engagement by curating various marketing campaigns
- Designed workflows to make the user appointment process more efficient and added more functionality to the company web page
- Produced an instructional video used by customers while utilizing the stem cell home collection kit

APOLLO NEUROSCIENCE

Machine Learning Intern

June 2020 to Sept. 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 Sept. 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

June 2019 to Sept. 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

- 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

- 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