

ZAKI RANGWALA

Summary

Ambitious and passionate high school student with outstanding leadership and charismatic communication skills. Demonstrates excellent time management, creative ability and an exemplary work ethic. Tech enthusiast and curious learner interested in the role that technology plays in human lives and envisions to be part of the beneficial influence it will have on the future.

Experience

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 it's 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

Community Service

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 email, fetching stock prices and game scores, spotify integration, conducting speed tests, checking the weather and performing complex computational and mathematical problems
- Published an article that walks the reader through how the assistant was built explaining code snippets and produced a video giving a demo of how the assistant works

Banking Database System

- Built 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

Get in touch!

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🔗 ZakiRangwala

Education

Victoria Park Collegiate Institute Sept. 2017 to Current

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