Ankur Phadke

First year student at the University of Waterloo

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EDUCATION

Candidate for Bachelor of Math, 2024 (Interest: Computer Science)

University of Waterloo

09/2019 – Present   *GPA: 3.9 / 88.3%*

Fall 2019, Winter 2020 Term Dean's Honors List

- President's Scholarship - high school average > 95%
- Faculty of Mathematics Global Scholarship – all rounded student

PERSONAL PROJECTS

CamTrack - (Python, C)

- Used Raspberry Pi camera's and Open CV to build an object tracking camera. The built device consists of a motor for camera rotation to maintain focus on a moving object.
- Used serial reading for communication between Raspberry Pi and Arduino.

To-Do List - (Python, HTML, CSS)

- A simple cross-off list of tasks to complete.
- Website built with Django.

Instagram AR Filter - (Spark AR Studio)

- Winnner in TOHacks 2020.
- Built an interactive filter in 3 dimensional space using augmented reality. Designed to raise awareness about COVID-19.

WORK EXPERIENCE

Actuarial Intern

PricewaterhouseCoopers

12/2018   *Nairobi, Kenya*

Achievements/Tasks

- Built statistical models to aid risk analysis.
- Worked on insurance underwriting.
- Experimented with large sets of data.

Data Analyst

General Accident Insurance

06/2018   *Nairobi, Kenya*

Achievements/Tasks

- Analyzed claims from clients and prepared statistical reports.
- Worked with pivot tables on Microsoft Excel.
- Indulged in data mining.

SKILLS

`C` `Python` `HTML` `CSS` `Racket` `Django` `Spark AR Studio` `Microsoft Office` `Strong communicator` `Leadership` `Research and Analysis`

EXTRACURRICULAR ACTIVITIES

School Prefect (04/2018 – 04/2019)

Student leader and role model within my high school. Organized events for the welfare of the student body.

Touch of Humanity - Student Charity (09/2017 – 04/2019)

A student-based charity whose goal is to enhance the education and living standards of poor children in rural areas of Kenya. Served terms as Treasurer and Event Coordinator

Media - Model United Nations (02/2018)

Prepared a new journal on each day of the conference outlining the activities of the day. Tasks involved taking pictures, writing articles and preparing videos for 1000 people.

DECA (11/2019)

Participated in the Management Consulting category in which I role-played an advisor to a multinational company.

Duke of Edinburgh Gold Award (03/2019)

Self development program. Awarded by the President of Kenya, Hon. Uhuru Kenyatta.

ORGANIZATIONS

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INTERESTS

`Software development` `Web Development` `Machine learning` `Artificial Intelligence` `Big Data`