TARIQ KARIAPPER

C.S. STUDENT

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TARIAPPER.GITHUB.IO

SKILLS

Teamwork
Creativity
Adaptability
Communication
Detail-oriented

SOFTWARE

MS Office ● ● ● ● ●
Autodesk Inventor ● ● ● ● ○
Adobe Illustrator ● ● ● ● ○
Blender 3D ● ● ● ○ ○

LANGUAGES

Java ● ● ● ● ○
JavaScript ● ● ● ○ ○
Python ● ● ○ ○ ○

INTERESTS

badminton   cooking

EDUCATION

UNIVERSITY AT BUFFALO / AUG 2019 - MAY 2023

- Computer Science, B.S. with a minor in Robotics
- Intro to CS I & II, How the Internet Works, Intro to Discrete Structures
- GPA: 3.725

WILLIAMSVILLE NORTH / SEPT 2015 - JUNE 2019

- High School Regents Diploma with Advance Designation with Honors

EXPERIENCE

RESEARCH ASSISTANT / JAN 2020 - PRESENT

- Developing an Android app for the Optical & Ultrasonic Imaging Lab
- Multi-spectral anti-spoofing and liveness detection to prevent unauthorized access through a fingerprint scanner

RESEARCH ASSISTANT / FEB 2020 - PRESENT

- Researching the influence of the media on President Trump's tweets using [data science] and machine learning
- Libraries used: spaCy, pandas, NumPy

PROJECTS

More projects, code, and demos available at bit.ly/tkproj

FROSTBITE CALCULATOR / FEB 2020 (JAVA)

- Won Best Rookie Hack at Cusehacks 2020
- Used Android Studio to develop an app that gives an approximation of how long you can stay outside before getting frostbite

CLUBS

UB NANOSATELITE LAB / SEPT 2019 - DEC 2019

- Developing flight software in C for UB Nano-satellite
- Software is responsible for our satelite's operations in space

UB ROBOTICS / SEPT 2019 - DEC 2019

- Building two robots that performs tasks both autonomously and through user control to compete in the VEX-U Robotics Competition

ACHIEVEMENTS

- University Honors Scholar
- UB Dean's List
- AP Scholar with Distinction Award
- High School Honor Roll
- CSEA Freshman Scholarship
- UB Gala Endowed Scholarship