TARIQ KARIAPPER

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COURSEWORK

Intro to Discrete Structures
Systems Programming
Data Structures
Algorithms and Complexity

LANGUAGES

C
Python
Java
JavaScript
Scala

TOOLS

Android Studio
Git
Gradle
Linux
Maven
Pandas
SpaCy
SQL
Trello

INTERESTS

badminton   cooking

EDUCATION

UNIVERSITY AT BUFFALO / AUG 2019 – MAY 2023

- Computer Science, B.S. with a minor in Math
- Clubs: ACM, DivTech, MSA, Robotics

WILLIAMSVILLE NORTH / SEPT 2015 – JUNE 2019

- High School Regents Diploma with Advance Designation with Honors

EXPERIENCE

TEACHING ASSISTANT / AUG 2020 – PRESENT

- Led labs for intro-level programming classes
- Held office hours for homework and project questions

RESEARCH ASSISTANT / FEB 2020 – PRESENT

- Analyzed social issues on Twitter using NLP and data science techniques
- Built a stance classifier on specific tweets using weak supervision
- Developed open-source software to improve the workflow of social scientists that use machine learning
- Used Github and online communications platforms to employ Agile software practices

PROJECTS – *(see bit.ly/tkproj for demos & more projects)*

AZUL SCORER / JAN 2021   (JAVA)

- Developed an Android app using Tensorflow object detection to automatically score tiles in a board game

FROSTBITE CALCULATOR / FEB 2020   (JAVA)

- Won Best Rookie Hack at Cusehacks 2020
- Developed an Android app that gives an approximation of how long one should stay outside before risking frostbite

ACHIEVEMENTS

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