



# TARIQ KARIAPPER

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## LANGUAGES

(strongest first)

Python

C

Scala

Java

JavaScript

HTML/CSS

## TECHNOLOGIES

Android Studio

Dash

Flutter

Git

Gradle

Linux

Maven

Pandas

Plotly

spaCy

SQL

Trello

## ACHIEVEMENTS

AP Scholar with Distinction

Honors College

Dean's List

## INTERESTS



frisbee



badminton



cooking

## EDUCATION

UNIVERSITY AT BUFFALO / AUG 2019 - MAY 2023

- Bachelor's of Science in Computer Science with Honors, minor in Math
- GPA: 3.7
- Clubs: ACM, DivTech, MSA, Robotics

WILLIAMSVILLE NORTH / SEPT 2015 - JUNE 2019

- High School Regents Diploma with Advanced Designation with Honors

## EXPERIENCE

SOFTWARE ENGINEER / MAY 2021 - PRESENT

- Created mixed methods web-app for qualitative researchers to see data
- Allows for filtering of Twitter data on different metrics, as well as clustering Twitter users using the UMAP algorithm
- Technologies used: Dash/Plotly, MySQL, Pandas

TEACHING ASSISTANT / AUG 2020 - PRESENT

- Led labs of 25 students in intro-level programming lessons
- Led seminars of 26 students in topics related to computer science

PROJECTS - (see [bit.ly/tkproj](https://bit.ly/tkproj) for demos & more projects)

REMINDER / DEC 2021 (HTML/CSS/JS/PYTHON)

- Created a reminder webapp with 4 people in an Agile environment
- Features include analytics on task completion and failure rate
- Technologies used: Flask, PostgreSQL, Bulma

GPA CALCULATOR / AUG 2021 (HTML/CSS/JS)

- Created a Chrome extension with 2 other people that calculates current GPA as well as weighted class grades by scraping webpage data

AZUL SCORER / AUG 2021 (JAVA)

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

GIT ASCII / FEB 2021 (PYTHON)

- Weekend project: making art using the GitHub commit heatmap

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