SHAAN KHAN

https://github.com/ContactShaanKhan | https://sites.google.com/view/shaan-khan/ | contactshaankhan@gmail.com

EDUCATION

- **Stony Brook University**, Stony Brook, New York — BS Computer Science—May 2022 (Anticipated Graduation)
  - Current GPA: 3.94/4.0
  - Dean's List: Fall 2019, Spring 2020, Fall 2020, Spring 2021
- **Walt Whitman High School**, South Huntington, New York — High School
  - Salutatorian (Out of approximately 445 Students)

RELEVANT COURSEWORK

- **University Classes**: Operating Systems, Computer Networks, Software Development, Data Structures, Systems Fundamentals, and more.

EXPERIENCE

- **Information Technology Analyst**, Société Générale - Summer 2021
  Working closely with the application support team that manages and maintains the trading software that traders use daily. Building a monitoring tool using open source technologies Grafana, Prometheus, Alerta, the Elastic Stack, and Python along with integrating with proprietary bank software such as the bank chat bot. The monitoring tool is used daily by the application support team during the stock market open and market close.
- **Personal Python Tutor**, ONLINE — Summer 2020
  Instructing a SUNY Binghamton student through his summer 100 level Python course (CS110). Topics include GUI programming, Pygame, user interaction, manipulating strings and other introductory, and rudimentary programming skills. Helping him explore alternate solutions and encouraging more diverse solutions as we would often evaluate many means of solving a problem, some of the solutions being out of the scope of his course.
- **Personal Math Tutor**, Huntington Station, New York — 2017 - January 2020
  Providing accurate and meaningful instruction to improve math skills of children ranging from 5th through 8th grades. Helping students understand complex problems with ease and encouraging a deeper learning of the math they study.
- **Suffolk Soccer Interleague**, Suffolk County, New York — Certified Soccer Referee — September 2014 - PRESENT
  Exercising excellent communication skills, navigating difficult situations, and employing patience. Establishing clear benchmarks for performance and monitoring individual and team progress. Proactively teaching rules and strategies to athletes, which especially assists the younger players who are just beginning to play soccer.

PROJECTS

- **Personal Website** - https://shaankhan.web.app/
  Personal website developed using Flutter/Dart as the development API and Firebase for hosting the website.
- **Browser Clicker Game** - Stone Dog Planet - https://stone-dog-planet.firebaseapp.com/
  Project for Fall 2021 SBUHacks hackathon. A front-end only resource-manager game programmed in Javascript meant for play in browser. The website is deployed using firebase.
- **Grade Scoring Website**— https://ap-lang-scorer-jeremy.glitch.me
  Programmed a calculator that evaluates the potential AP Language and Composition Score, based on values the user inputs; performed with a view toward ultimately designing a user friendly website programmed for the user to input values. This program continues to be utilized by 100+ students yearly since its inception in 2018.

SKILLS

- **Languages:** C, Python, Java, Git
- **OS:** Linux, Windows
- **Software:** Microsoft Office Suite, Adobe Create Cloud Software, LaTex

AWARDS

- Stony Brook University Presidential Scholarship
- NYS Scholarship for Academic Excellence
- South Huntington Public Library Friends of the Library Scholarship
- Member of Tau Beta Pi
- The President's Volunteer Service Award (2017 and 2018)
- National AP Scholar (10 AP Classes; scored 4 or 5 on all)

FOREIGN LANGUAGES

- Czech
- Italian