

# Sahail Jaffary

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**Education:**                    **Bay Shore High School, Bay Shore, NY** Graduated June 2018  
High School Diploma  
**Stony Brook University, Stony Brook, NY** 2018 - Present  
Will be Achieving Bachelors of Science in Computer Science and Bachelors of  
Science in Applied Mathematics and Statistics by the year 2022.

## **Skills & Abilities:**

- **Programming Languages:** Proficient in programming languages: Java, Swift, and HTML and CSS.
- **Languages:** Fluent in English and Farsi. Conversational Chinese.
- **Communications:** Microsoft Word Certified, proficient in MS Office.

## **Skills:**

- An ability to program using sophisticated features of object-oriented programming.
- An ability to define and use data types, and use data structures.
- An understanding of the importance of time and memory efficiency in algorithm design.

## **Achievements:**

- LIBTA Web Design Winner
- Town of Islip Award in Mathematics
- Stony Brook Presidential Award and Scholarship
- Rensselaer Gold Medal Award and Scholarship

## **Experience:**

Wing: *iOS Developer:*

- Wing is an iOS app made using Swift and soon will be on android as I learn Kotlin. It's an invitation app, that allows a user to instantly invite friends to an event they have planned. Users can respond to the invitation in the app.
- Used Firebase database to support an in-app friends list, and in order to retrieve and create events made within the app.
- Features: push notifications, login-verification, Google sign in support, map display of location, database fetch and post requests

Polygons TP: *Game Development with Unity:*

- A game I made using C# with the Unity Engine. Uploaded on Google Play Store.
- All the designs in-game were made by me as well using Photoshop.
- Users must navigate a ball without touching various moving shapes.
- Features: In-game currency and shop, custom ball movement physics