Syed Talha Ali

📞 647-904-7429 | ✉ stalha.ali@mail.utoronto.ca | ⚫ stalhaali | 🌐 portfolio

SKILLS

Languages : Python, HTML/CSS, JavaScript, C, Java, Racket, Haskell, MIPS Assembly
Libraries : Bootstrap, Flask, Numpy, Matplotlib, Opencv, Sklearn, Beautifulsoup
IDEs : Visual Studio, Pycharm, Eclipse, Idle
Version Control : Git

EDUCATION AND AWARDS

University of Toronto   Aug. 2019 – May 2024
Computer Science Specialist and Minor in Mathemical Sciences   3rd Year

- **CGPA**: 3.5 on a 4.0 Scale
- **Coursework**: Data Structures, Algorithms, Databases, Computer Systems, Machine Learning

Awards
Scholarships

- **UTM Entrance Award**: $3,000
- **University Of Toronto Scholar** : $7,500
- **Dean's List** : Top 15% of all students

HTML, CSS, and Javascript for Web Developers Course: John Hopkins University via Coursera   2021

International Business and Technology Certificate: Gordon Graydon Highschool   2019

PROJECTS

YouTube   Aug. 2019 – Present
Creator (@InternetReacts)

- Grew channel through social media and sponsorships to **3000 subscribers in 1.5 years**
- Created **20+ data visualizations** with a partner on Sports Statistics using Python libraries such as Matplotlib and Beautifulsoup **accumulating 2.5M total video views**
- **Partnered with world renowned brands like SPORTbible, SPORF and GiveMeSport** to create content for them
- **Highlights**: Goal Comparison By Age, Player Performace Comparison in UEFA's Top 5 Leagues, Messi vs Ronaldo

Self Learning Drawing Bot

- Trained a machine learning model in Python using sklearn's KNeighborsClassifier; **achieved a 90%** test accuracy on drawings
- Implented a web app by using **Flask** as the back-end and used **HTML, CSS and JS** to create the front-end
- Process the drawings sent from the front-end into a form readable by the trained model, using **Opencv**, and then sends the trained model's prediction back to the front-end

Animated Data Visualizer

- Designed and released website using Python and Flask to allow YouTube channel fans to create their own data visualizations
- **Built a database using SQLAlchemy** to keep track of user login and graph information
- Followed **scrum framework** to ensure partner and I adequately structure and manage the project

EXTRACURRICULAR

Canadian Ultrasound Institute and Research Centre   Aug. 2017 – 2019
Volunteer

- Taught South Asian immigrants the basics of Microsoft Office softwares (Excel, Word and Powerpoint), gaining over **100+ volunteer hours**