Syed Talha Ali

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SKILLS

Languages : Python, HTML/CSS, JavaScript, C, Java, Racket, Haskell, MIPS Assembly
Frameworks : Bootstrap, Flask, Sklearn, SQLalchemy
IDEs : Visual Studio, Eclipse, Pycharm, 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

International Business and Technology Certificate: Gordon Graydon Highschool   2019

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

PROJECTS

YouTube   Aug. 2019 – Present
Creator (@InternetReacts)

- Grew channel through social media and sponsor ships to **3000 subscribers in 1.5 years**
- Created 20+ Data Visualizations on Sports Statistics using Python libraries such as Matplotlib, Numpy, Pandas 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
- Followed **scrum framework** to ensure partner and I adequately structure and manage the project

EXTRACURRICULAR

South Asian Medicine something something Aug. 2017 – 2019
Volunteer

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