

# ROHIN SANDHU

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## Education

### Bachelor of Science in Computer Science

Sep. 2019 – Present

*Rayat Bahra Institute of Engineering and Nano Technology*

8.1 SGPA

### Higher Secondary

May. 2019

*Sant Sarwan Dass Model School*

80.6 %

### Matriculation

May. 2017

*Sartaj Public School*

81.3 %

## Experience

### Australia and New Zealand Banking Group

April 2020 – June 2020

*Digital Investigator - Intern*

*Remote*

- Developed a service to Automatically detect Images floating in **Network Traffic** in order to Decrease Time needed for Manual doing the Processing with the help of Various Tools like, **Wire-Shark, NPCAP**.
- Explored ways to **Visualize** and Send a Daily Report of Results to Team Members using **Word, Excel, and Email**.

## Projects

### Home Price Prediction Using Real Time | *Python, Sklearn, Excel*

May 2022

- Developed a Prediction System using Python and SkLearn to Predict Prices of Houses according to **Boston** Data Set Provided by **UCI Machine Learning Repository**.
- Trained the Model with various regression Models Like **Linear Regression Model, Decision Regression Model** etc to achieve Accuracy of **89.46 %** with Error rate of **10.54 %**.

### Handwritten Digit Recognition System | *Python, Sklearn*

May 2022

- Developed a Recognition System using Python and SkLearn to **Recognize Classify Handwritten Digits** according to **MNIST** Data Set Provided by **Machine Learning Repository**.
- Trained the Model with various Classifier Models Like **Logistic Regression Model** to Achieve Acceptable Error Rate.

### Lyza The Bird Game | *Python*

April 2022

- Developed a Desktop Game using Python and Its Libraries for **Entertainment Purpose** of Users.
- Super Light Entertainment takes less than **2 MB of Memory & Space**.

### Bella The Desktop Voice Assistant | *Python*

March 2022

- Created an Personal **Desktop Voice Assistant** with Help of Python & Its Libraries for **Personal Use of Users**.
- Performs Multiple tasks like Searching **Wikipedia, Playing Music & Many More** for **facilitation** of Users.

## Technical Skills

**Languages:** Python, HTML/CSS, PHP, JavaScript, MySQL

**Developer Tools:** PyCharm, Jupyter Notebook, Sublime Text

**Technologies/Frameworks:** Linux, GitHub, WordPress

## Achievements / Extracurricular

- Achieved Ranking in **Top 500 in TechGig Code Gladiators 2022**.
- Achieved **Skill Badges** of various Technologies Like **Python, PHP, MySql& PHP on LinkedIn in 2021-2022**.
- Achieved **Arctic Code Vault Contributor Badge on GitHub** for various Contributions in 2021.

## Relevant Coursework

- |            |                    |                   |                       |
|------------|--------------------|-------------------|-----------------------|
| • Python   | • Machine Learning | • Data Structures | • Database Management |
| • Big Data | • C & C++          | • Web Development | • Computer Networking |