

# Imaduddin Sheikh

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Chicago, IL

## EDUCATION

**Bachelor of Science in Computer Science, Illinois Institute of Technology**

Expected graduation: May 2023

## SKILLS

<b>Programming Languages</b>	Python, Java, MATLAB, SQL, Arduino C++, $\text{\LaTeX}$ , R
<b>Technologies</b>	Git, PostgreSQL, Flask, Node.js, Linux, MySQL, Pandas, NumPy, Scikit-learn
<b>Communication</b>	English, Urdu (fluent), Hindi (fluent), Arabic (reading)
<b>Organizational</b>	Customer Service, Software/Hardware troubleshooting, Data Entry

## WORK EXPERIENCE

### CPS Testing Staff Member

**Feb 2021 — June 2021**

*Chicago Public Schools*

*Chicago, IL*

- Performed quality assurance checks, and ensured testing security of standardized CPS exams.
- Updated testing data and results from sessions to FileMaker and online CPS databases.
- Inspected and verified documentation of incoming K-7 examinees, and provided customer service to students' parents.

### OTS Support Desk Technician I

**July 2021 — Present**

*Illinois Institute of Technology*

*Chicago, IL*

- Provide technical support to end-users and troubleshoot university software and hardware problems.
- Monitor and respond quickly to requests received via Footprints ticketing system.
- Responsible for upkeeping equipments connected on university's networks.

## PROJECT EXPERIENCE

### Currency Converter Application

[Link](#)

- Deployed a Python application that converts amount from one currency to another and displays a conversion graph using real-time data.

**Technologies Used:** Matplotlib, Fixer API, Tkinter GUI

### Color Remember Game

[Link](#)

- Created a web-based application game in which a user chooses a color sequence, which increases level-by-level.
- Game is over as soon as user selection mismatches the animated colors sequence.

**Technologies Used:** HTML, CSS, Javascript, and jQuery

### FakeBlog

[Link](#)

- Developed Python's Django powered blog website where users can write and edit blog posts.

**Technologies Used:** Heroku, PostgreSQL, Django

### SpaceX First Stage Recovery Prediction Model

[Link](#)

- Collected launch data from SpaceX REST API, and web-scraping, for data wrangling.
- Performed Explanatory Data Analysis (EDA) via SQL and visualized results on Plotly [dashboard](#).
- Formulated and tuned hyper-parameters on multiple Machine Learning classification models using GridSearchCV.
- The prediction model performed with 83.34% accuracy on test data.

**Technologies Used:** IBM Watson(Cloud) Notebook, IBM DB2, SpaceX Rest API, BeautifulSoup, Seaborn, Folium, Plotly Dash, Scikit-learn

### Blood Donation Management System [IN PROGRESS]

[Link](#)

- Designed SQL schemas, queries and stored procedures for indexing and data retrieving.
- Creating a full-stack web application that stores donor information and blood requests.

**Technologies Used:** Java, Apache Tomcat Server, MySQL, Eclipse

## CERTIFICATIONS

IBM Data Science Specialization  
Machine Learning for Python

Databases and SQL for Data Science with Python (with Honors)  
Data Analysis for Python

## ACTIVITIES

Pakistan Student Association: Treasurer

2020 — 2021

Illinois Tech Student Government Association: Finance Board Advisor

2020