

# Amaan Khan

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## Education

<b>Indian Institute of Information Technology, Kalyani</b> <i>B.Tech. Computer Science and Engineering</i>	<b>2019 – 2023</b> <i>CGPA till Sem - 5 : 8.3</i>
<b>Sri R.S.G. Inter College, Bindki</b> <i>HSC - Maths, Physics, Chemistry</i>	<b>2016 – 2018</b> <i>88.8 %</i>
<b>S.V.S. Inter College</b> <i>SSC</i>	<b>2015 - 2016</b> <i>82.5 %</i>

## Experience

<b>Winter Of Code - Student Member(GDSC - IIIT Kalyani)</b>	<b>JAN 2021 - MAR 2021</b>
<ul style="list-style-type: none"><li>Tabular ML (Built an end-to-end ML system for tabular datasets).</li><li>Used multilinear regression on <b>Titanic</b> dataset to predict about a passenger's living status.</li></ul>	
<b>Hacktoberfest 2021</b>	<b>OCT 2021</b>
<ul style="list-style-type: none"><li>Contributed to different opensource projects.</li></ul>	

## Technical Skills

### Core Subjects

- Data Structures & Algorithms, DBMS, OOPS, Operating System, Machine Learning & AI

### Languages

- Python, C++, C, Java, SQL, HTML5, CSS3

### Developer Tools and Technologies

- VS Code, Jupyter Notebook, NetBeans, MySQL Workbench, Oracle Apex, Git&Github

## Projects

<b>Realtime Human Detection&amp;Counting [<a href="#">Github Link</a>]</b>	<b>SEP 2021 - NOV 2021</b>
<ul style="list-style-type: none"><li>A Human object detection based project using various detection techniques.</li><li>Plotting population and detection accuracy graphs and preparing a PDF report based on the data.</li><li><b>Tech Stack Used:</b> OpenCV, TensorFlow, PIL, Tkinter, Matplotlib</li></ul>	
<b>Spam or Ham [<a href="#">Github Link</a>]</b>	<b>JAN 2022 - FEB 2022</b>
<ul style="list-style-type: none"><li>A Logistic Regression Model using a spam collection Dataset to predict a message as SPAM or HAM.</li><li>Make the trained model able to classify a custom input message as SPAM or HAM.</li><li><b>Tech Stack Used:</b> Python, Machine Learning, Logistic Regression, Scikit-learn, Pandas</li></ul>	
<b>Email Bot [<a href="#">Github Link</a>]</b>	<b>DEC 2021</b>
<ul style="list-style-type: none"><li>A customized repetitive email-bot for sending emails through voice commands created using python.</li><li><b>Tech Stack Used:</b> Python, smtplib, speech-recognition, pyttsx3</li></ul>	

## Awards & Certifications

<b>Mathematics Award</b>	<b>June 2018</b>
<ul style="list-style-type: none"><li>Received for achieving the highest mathematics grade throughout the school year (grade received: 99%)</li></ul>	
<b>Coding Award</b>	
<ul style="list-style-type: none"><li><a href="#">Codacharya 2021 - 2nd Prize Winner</a></li></ul>	
<b>Skill Certifications</b>	
<ul style="list-style-type: none"><li><a href="#">Prolem Solving</a> • <a href="#">SkillUP</a> • <a href="#">Python</a></li></ul>	

## Interests & Hobbies

- Competitive Programming
- Open Source