Kaustav Paul
3rd year, Computer Science & Technology
B.Tech (2017-21)
IIEST Shibpur

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Education

2017-21	Indian Institute of Engineering Science and Technology (IIEST), Shibpur B.Tech, Computer Science & Technology	8.43/10 (till 4th Sem)
2017	12th (Senior Secondary Examination) Central Board of Secondary Education South Point High School	91.60%
2015	10th (Secondary Examination) West Bengal Board of Secondary Education South Point High School	91.57%

Academic Projects

Jan - Apr '19 **Object Tracking using OpenCV and Kalman filter**
- Used background subtraction on two consecutive frames to identify moving objects
- Implemented contour method to select an object of our interest
- Used Kalman filter algorithm to remove noise in measurements

Self Projects

Jun '19 - present **Smart Assistant in Python -** view
- Used speech API 5 for automatic speech recognition
- Functions are executed according to the keywords present in the voice commands
- Features include: Opening websites, getting answers from wikipedia, etc.

May '19 **Tic Tac Toe game -** view
- Used Minimax Algorithm to increase gameplay difficulty
- Algorithm was implemented in Javascript
- GUI was made using HTML, CSS

Technical Skills

Languages	C, C++, Python
Web Technologies	HTML, CSS, JavaScript
Tools	git, Github

Additional Information

Achievements	• Qualified pre-qualifier and qualifier rounds in CodeChef Snackdown 2018 • Secured AIR 5727 among 1.2 million candidates in JEE 2017 • Secured 99.76 percentile in WBJEE 2017
Hobbies & Interests	Driving, Yoga, Tech Reviews
Links	Portfolio - view Github - view