

Ishan Goel

+91 9520110160 Saharanpur, U.P. ishangoel901@gmail.com

EDUCATION

Thapar Institute of Engineering and Technology, Patiala

B.E. Electronics & Communication Engineering | 2019 – 2023

CGPA: 8.77/10.0

CERTIFICATION

- **JP Morgan Chase and Co.** | Software Development Virtual Experience Participant Mar, 2022
 - A virtual experience of the role of a software development intern / employee.
 - Built a python software to assist traders to evaluate under-valued and over-valued stocks.
 - Created unit tests to evaluate modules.
 - Worked with JP Morgan Chase's open-source data visualisation software, Perspective.
 - Interfaced with live stock data feed, and displayed data visually for traders.
- **Front End Development with React Specialization (2021)** - University of Hong Kong Coursera
- **Server Side Development with Express , Node.js & Mongo dB (2021)** - University of Hong Kong
- **Front End Framework for Web Development (2020)** - University of Hong Kong , Coursera

ACADEMIC PROJECTS

- **Static Malware Detection System (Ongoing)**
 - A machine learning model to detect a completely unknown malware software
 - The model learns from old malware binaries and predicts whether the code thrown at it is malicious or not
 - Research is also being carried out on the use of various classification models for the same, to compare the relative accuracy of each model, on the dataset available.
 - Some of the ML models that are being tested are Auto encoder , ANN ,CNN
- **Ristorante Con Fusion**
 - A Restaurant Management Site.
 - Front End developed using HTML, CSS, JavaScript, and Bootstrap.
 - Server developed using Express, Node.js & Mongo dB.
- **Buggy**
 - An obstacle avoidance robot with high level of performance and reliability.
 - Vehicle consists of ultrasonic, infrared sensors for obstacle detection.
 - The communication takes place through wireless Zig-Bee communication

SKILLS

- **Languages** : C, C++, Python, SQL, Git, HTML, CSS, JavaScript
- **Databases** : MySQL, Google Firebase, Mongo dB
- **Methodologies** : Software Development , Web Development , Deep-Learning
- **Tools** : Node.js, Google Firebase, GitHub, React, Express, Bootstrap