Ashwin Jaimini

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ACADEMIC QUALIFICATION

Degree	Institute/ Board	CGPA/ Percentage	Year
Bachelor of Technology	Indian Institute of Information and Technology, Kota	7.64	2023
Senior Secondary	Central Board of Secondary Education	77.40%	2019
Secondary	Central Board of Secondary Education	9.6	2017

PROJECTS

• **Question Generator, Software** [Link]   Jan 2022 – May 2022
  - A Machine Learning software made using Python for research and education purposes.
  - The software generates an exhaustive list of questions(polar, MCQ, and fill-in-the-blank)out of a given paragraph as input.
  - We are generating questions using the concepts of deep learning and have taken the help of pre-trained models like open-AI GPT-2 transformer and libraries like FlashText, AllenNLP, NLTK, etc.

• **Wordle Strategy: Software** [Link]   Sept 2021 – Dec 2021
  - A utility software made using Python for entertainment purposes.
  - The software helps the user to easily generate the next guess of the famous wordle game to solve it in a minimum   number of tries.
  - Used Information Theory concepts to generate the guess that gives the most information.

• **Image Editor, Software** [Link]   Sept 2020 – Mar 2021
  - A utility software made using Python for image and editing purposes.
  - The software allows the user to freely modify and edit an image in a GUI – based environment.
  - Features: brightness, crop and rotate, change pixel structures, flipping, freehand drawing, and effects.
  - Used python libraries PIL and TKinter.

COURSES COMPLETED

Data Structure and Algorithms, Database Management System, Software Engineering, Microprocessors and Microcontrollers, Discreate Mathematical Structure, Object Orientated System Design, Design and Analysis of Algorithm, Operating System, Artificial Intelligence, Probability and Statistics, Theory of Computation, Computer Networks, Information System and Security, Random Variable and Stochastic

TECHNICAL SKILLS

• **Programming Languages:** C++, C, Python, Java, SQL, HTML, CSS
• **Tools:** Git, MySQL, MATLAB, Android Studio, Windows Subsystem Linux

CERTIFICATES

• **Programming For Everybody: Getting Started with Python (University of Michigan)**
• **MySQL Database Administration: Beginner SQL Database Design (Udemy)**

EXTRA CURRICULAR ACTIVITY

• **Astronomy**
• **Drumming**
• **Running**