Hriday Kondru

Bachelor of Technology
Computer Science (3rd Year)
IIT - Jodhpur

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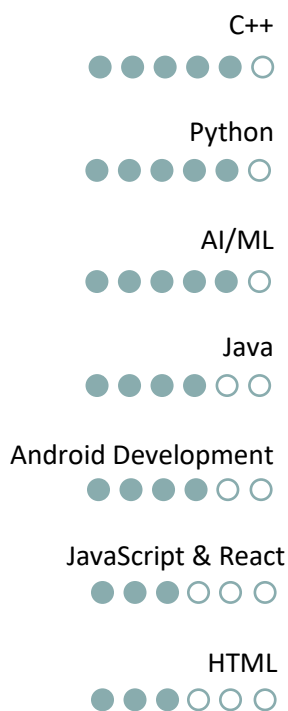## Education

(Aug-2020 to Current)
Bachelor of Technology,
Computer Science,
Indian Institute of Technology
Jodhpur

Key Skills

C++
●●●●●○

Python
●●●●●○

AI/ML
●●●●●○

Java
●●●●○○

Android Development
●●●●○○

JavaScript & React
●●●○○○

HTML
●●●○○○

Summary

Seasoned, forward-looking software engineering student with experience in Android application development, Java, Python, C++ and React programming languages. Independently designed and developed a Play Store ready unique keyboard that uses TensorFlow to visually update the user in real time on the tone of the sentences being typed. Similar product idea being reviewed for patent application. Committed to learning and innovating in AI/ML, Cloud Computing, IOT, Mobile, Web and related technologies. Interested in internship opportunities to help develop software products, as well as to grow and enhance my software engineering skills.

Experience/Achievements

Secondary / Higher Secondary Education

- Awarded State First Certificate, 3 Silver medals and 1 Bronze in International Informatics Olympiad.

- A / A+ grade certificate and medal every year.

B.Tech Computer Science

- **CGPA**: First Year 9.27/10, Second Year 8.65/10

- **Courses registered/completed**:

  Introduction to Computer Science, Data structures and Algorithms, Pattern Recognition and Machine Learning, Software Engineering, Maths for Computing, Digital Design, Signals and Systems, Introduction to Electrical Engineering, Probability, Statistics and Stochastic Processes

- **Project**: "AI Text Tone Keyboard" *Android Development, Java, TensorFlow*

  Implemented a Play Store ready Android keyboard that uses a TensorFlow ML model to visually update the user in real time on the tone of the sentences being typed. Also designed and developed an Android app to persist the text typed by the user and analysis the mood of the user over an extended period of time. Further research is being done to see if mood analysis could be a metric for predicting non-communicable diseases.

  Poster presentation of the project was selected for display at IIT Padhaaro, an open house to demonstrate the scientific and engineering capacities of IIT Jodhpur to professionals, entrepreneurs, industrialists, and government officials.

- **Other Projects and Interests**:

  Ongoing discussion with IITJ Innovation centre on patentable product idea; Developed various mini-projects like, Android app for Users' App and App Category Usage Stats *(Java, jsoup)*, Python script to get price of entered list of items from Flipkart or Amazon *(Python, googlesearch, BeautifulSoup)*, Calculator *(HTML, JavaScript)*. My other interests include going to the gym, nature viewing, playing video games and reading novels.