

Anisha Singh

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Codechef: [codechef.com/users/itrytocode](https://www.codechef.com/users/itrytocode)(max rating: 1703)

EDUCATION

- Banasthali Vidyapith** Rajasthan, India
Bachelor of Technology - Electronics and Electrical Engineering; GPA: 8.79
2019 - 2023

EXPERIENCE

- MITACS Globalink Research Internship** Ontario, Canada
University of Windsor
June 2022 - Present
 - Working on Driver Monitoring System:** our aim is to reduce the number of accidents and also help in understanding and adjusting to the driver's riding conditions.
 - Physiological Sensor Signals, Physical Touch Sensor Signals and Computer Vision with Open API:** using different physiological sensor signals such as Electrocardiogram (ECG), Elektro-okulogram (EOG), Electroencephalogram (EEG), Galvanic Skin Response (GSR) sensors and Pulse Oximeter to determine psychological and behavioral state with high accuracy.
- Codedamn** Remote
Developer Relations Intern
Jan 2022 - March 2022
 - Worked with development and managing team:** by handling student programs and collaborations by covering the strategies and tactics for building and nurturing a community between organizations and developers. Also, managed the community over Discord.
- FrontRow** Remote
Product Ops Intern
Sep 2021 - December 2021
 - Worked with the product management team:** increased D1 retention by 20 percent through identification of user personas and preferred behavior and creating targeted communication campaigns. Efficiently used Clevertap, MixPanel, and Metabase for analyzing user data by creating trends, segments, funnels, and retention cohorts.
 - Worked with the product operation team:** Called 100+ users and looked at user journeys of 100+ users on the app to solidify insights from the data analysis. Re-designed user experience and UI of the app and tailored it as per user requirements. Identified various hooks on the app to retain, acquire and activate users.
- Microsoft Engage** Remote
Student Developer
June 2021 - July 2021
 - Selection rate 0.08 percent:** A mentorship program by Microsoft where selected students are paired with a mentor to help them with projects, assignments, and career guidance. Worked on developing a Microsoft Teams clone.

PROJECTS

- Cryptocurrency Prediction Model:** (Random Forests, LSTM(RNN), Tensorflow)
Developed a system to analyse and predict the price of bitcoins using machine learning algorithms. Achieved an accuracy of 97 percent using LSTM and 98.43 percent using Random Forests.
- Integration of IoT with 5G:** (Proposed paper for WF-IoT IEEE conference)
This paper gives a brief overview of the importance of integration of IoT with 5G, the architecture and the past research.
- Cab ride price prediction:** (Random forests, Linear Regression, Support Vector Machines)
Analysed the price and surge multiplier for the rides. Achieved an accuracy of 97 percent using Random Forests with AdaBoost.

ACHIEVEMENTS

- Selected as a Microsoft Engage'21 Scholar out of 30,000 applicants (Selection rate 0.08 percent)
- Winner in Backyard Hacks 2.0 - made an application using Figma, Flutter, Node.js and Postman
- Received a scholarship to attend GHCT'21 (Grace Hopper Celebration)
- AWS Machine Learning Scholar'21
- Goldman Sachs Summer Virtual Insight Series'21

VOLUNTEER EXPERIENCE

- HackinCodes** Remote
Instructor and Contributor
Aug 2020 - Oct 2020
 - Participated as an instructor and contributor:** in 2020 organized by Hackincodes.
 - Helped more than 50 students to get started with open-source:** and contributed to two projects as a Frontend developer.

SKILLS

- Languages:** C, C++, Python, SQL
- Tools:** Git, VSCode, Github, MySQL, MATLAB
- Subjects:** Data Structures, Algorithms, OOPS, DBMS, Operating Systems