

Abhiroop Mukherjee

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EDUCATION

- Indian Institute of Engineering Science and Technology, Shibpur** Howrah, India
Bachelor of Technology - Computer Science and Technology; CGPA: 9.62 July 2019 - June 2023
Courses: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks
- Kendriya Vidyalaya Koliwada** Mumbai, India
10 CGPA AISSE, 2017; 96.2% AISSCE, 2019 March 2007 - June 2019

SKILLS SUMMARY

- Languages:** Python, C++, Java, HTML, CSS, JavaScript, TypeScript
- Frameworks:** TensorFlow, OpenCV, Scikit, ExpressJS, SuiteScript
- Platforms:** Windows, Windows Subsystem for Linux, Google Colab, NetSuite

EXPERIENCE

- Software Developer** July 2023 - Present
Oracle India Private Limited, IDC Hyderabad
 - Using SuiteScript 2.0, SuiteQL, SuiteAnalytics, and UIF to implement NetSuite's requirements.
- Project Intern** June 2022 - July 2022
Oracle India Private Limited, IDC Remote
 - Used SuiteScript 2.0, SuiteQL, and SuiteAnalytics to implement four functionalities in Requirement Analysis regarding "NFP Verticals" in the company's ERP Solution NetSuite.
- Photo Editing and Deployment Intern** Apr 2021 - June 2021
SystemOnSilicon Corporation, USA Remote
 - Assisted in the design of ongoing ITX Global initiative website and the SystemOnSilicon website using Bootstrap, HTML and CSS
 - Built 50+ vector graphic artworks using Illustrator and Canva
 - Edited 20+ photos using Photoshop

PROJECTS

- CoWin Checker** June 2021 - June 2021
 - Built a python script that periodically pings CoWin servers and looks for open vaccination slots according to given information like place and age group
 - Upgraded the script by adding OS-level notifications to users if any open slot found
 - Succeeded in finding a Vaccination Slot within two days of operation
- Object Recognition for observing social distancing** Sept 2020 - Jan 2021
Semester Project IEST, Shibpur
 - Supervisors: Prof. Samit Biswas, Miss Arpita Dutta
 - Deployed pre-trained YOLOv3 model to detect people in a video frame with 90% accuracy
 - Upgraded the deployed model to calculate distance between detected peoples to see if they are following social distancing
 - Scaled this operation with a team of 5 members to a video to get an average of 8 fps on Google Colab Dedicated GPU

POSITIONS OF RESPONSIBILITY

- Flutter Facilitator** Feb 2022 - Mar 2022
Google Developers Students Club, IEST Shibpur IEST, Shibpur
 - As a Flutter Facilitator, I conducted five sessions to provide hands-on experience on app development with Flutter.
 - During this period, I also managed a "doubt group" to facilitate all participants regarding doubts and career opportunities.
- Media Lead** Aug 2021 - Jul 2022
Google Developers Students Club, IEST Shibpur IEST, Shibpur
 - As a Media Lead, my primary objectives are to make sure all the sessions are conducted smoothly, with proper recording and uploading of sessions to YouTube.
 - We have successfully conducted 40+ sessions smoothly and are available to watch on our YouTube channel.
- Video Production Manager** Jan 2021 - Jul 2022
CodeIEST IEST, Shibpur
 - Developed an easy-to-follow methodology for Recording, Editing, and Uploading the CodeIEST Sessions to YouTube
- Video Editor** Sept 2020 - Jan 2021
Academic Society of Computer Engineers IEST, Shibpur
 - Edited 12 ASCE Session Recordings of "The Tech Talk" using Premiere Pro, for YouTube Uploads