

# Abhiroop Mukherjee

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## EDUCATION

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| <ul style="list-style-type: none"><li><b>Indian Institute of Engineering Science and Technology, Shibpur</b><ul style="list-style-type: none"><li>Bachelor of Technology - Computer Science and Technology; CGPA: 9.62</li><li>Courses: Data Structures and Algorithms, Database Management Systems, Operating Systems, Computer Networks</li></ul></li><li><b>Kendriya Vidyalaya Koliwada</b><ul style="list-style-type: none"><li>10 CGPA AISSE, 2017; 96.2% AISSCE, 2019</li></ul></li></ul> | <p>Howrah, India<br/>July 2019 - June 2023</p> <p>Mumbai, India<br/>March 2007 - June 2019</p> |
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## 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

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| <ul style="list-style-type: none"><li><b>Software Developer</b><ul style="list-style-type: none"><li>Oracle India Private Limited, IDC<ul style="list-style-type: none"><li>Using SuiteScript 2.0, SuiteQL, SuiteAnalytics, and UIF to implement NetSuite's requirements.</li></ul></li></ul></li><li><b>Project Intern</b><ul style="list-style-type: none"><li>Oracle India Private Limited, IDC<ul style="list-style-type: none"><li>Used SuiteScript 2.0, SuiteQL, and SuiteAnalytics to implement four functionalities in Requirement Analysis regarding "NFP Verticals" in the company's ERP Solution NetSuite.</li></ul></li></ul></li><li><b>Photo Editing and Deployment Intern</b><ul style="list-style-type: none"><li>SystemOnSilicon Corporation, USA<ul style="list-style-type: none"><li>Assisted in the design of ongoing ITX Global initiative website and the SystemOnSilicon website using Bootstrap, HTML and CSS</li><li>Built 50+ vector graphic artworks using Illustrator and Canva</li><li>Edited 20+ photos using Photoshop</li></ul></li></ul></li></ul> | <p>July 2023 - Present<br/>Hyderabad</p> <p>June 2022 - July 2022<br/>Remote</p> <p>Apr 2021 - June 2021<br/>Remote</p> |
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## PROJECTS

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| <ul style="list-style-type: none"><li><b>CoWin Checker</b><ul style="list-style-type: none"><li>Built a python script that periodically pings CoWin servers and looks for open vaccination slots according to given information like place and age group</li><li>Upgraded the script by adding OS-level notifications to users if any open slot found</li><li>Succeeded in finding a Vaccination Slot within two days of operation</li></ul></li><li><b>Object Recognition for observing social distancing</b><ul style="list-style-type: none"><li>Semester Project<ul style="list-style-type: none"><li>Supervisors: Prof. Samit Biswas, Miss Arpita Dutta</li><li>Deployed pre-trained YOLOv3 model to detect people in a video frame with 90% accuracy</li><li>Upgraded the deployed model to calculate distance between detected peoples to see if they are following social distancing</li><li>Scaled this operation with a team of 5 members to a video to get an average of 8 fps on Google Colab Dedicated GPU</li></ul></li></ul></li></ul> | <p>June 2021 - June 2021</p> <p>Sept 2020 - Jan 2021<br/>IEST, Shibpur</p> |
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## POSITIONS OF RESPONSIBILITY

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| <ul style="list-style-type: none"><li><b>Flutter Facilitator</b><ul style="list-style-type: none"><li>Google Developers Students Club, IEST Shibpur<ul style="list-style-type: none"><li>As a Flutter Facilitator, I conducted five sessions to provide hands-on experience on app development with Flutter.</li><li>During this period, I also managed a "doubt group" to facilitate all participants regarding doubts and career opportunities.</li></ul></li></ul></li><li><b>Media Lead</b><ul style="list-style-type: none"><li>Google Developers Students Club, IEST Shibpur<ul style="list-style-type: none"><li>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.</li><li>We have successfully conducted 40+ sessions smoothly and are available to watch on our YouTube channel.</li></ul></li></ul></li><li><b>Video Production Manager</b><ul style="list-style-type: none"><li>CodeIEST<ul style="list-style-type: none"><li>Developed an easy-to-follow methodology for Recording, Editing, and Uploading the CodeIEST Sessions to YouTube</li></ul></li></ul></li><li><b>Video Editor</b><ul style="list-style-type: none"><li>Academic Society of Computer Engineers<ul style="list-style-type: none"><li>Edited 12 ASCE Session Recordings of "The Tech Talk" using Premiere Pro, for YouTube Uploads</li></ul></li></ul></li></ul> | <p>Feb 2022 - Mar 2022<br/>IEST, Shibpur</p> <p>Aug 2021 - Jul 2022<br/>IEST, Shibpur</p> <p>Jan 2021 - Jul 2022<br/>IEST, Shibpur</p> <p>Sept 2020 - Jan 2021<br/>IEST, Shibpur</p> |
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