

## EDUCATION

<b>Masters of Computer Science</b>	<b>Sept 2022 – Dec 2023 (Expected)</b>
University of California, San Diego (UCSD)	CGPA: 3.95/ 4
<i>Relevant Courses:</i> Advanced Computer Vision, Deep Learning, Scalable Data/ML Systems, Recommender Systems	
<b>Bachelor Of Engineering (Computer Engineering)</b>	<b>August 2018 – July 2022</b>
Vivekanand Education Society's Institute of Technology (VESIT)	CGPA: 9.013/ 10
<i>Relevant Courses:</i> Web Development, Machine Learning, Software Development, DBMS, Computer Networks	

## INTERNSHIP EXPERIENCE

<b>Full Stack Developer, Stealth Startup</b>	<b>Feb 2023 – Present</b>
<ul style="list-style-type: none"> <li>Integrating Python-based DL architecture to a user-friendly Web Application utilizing AWS and React JS.</li> <li>Secured \$100K in funding in AWS credits from Adobe.</li> </ul>	
<b>Full Stack Development Intern, Makos Infotech</b>	<b>June 2021 – July 2021</b>
<ul style="list-style-type: none"> <li>Developed Server-side rendering for their main website (Jobaskit.com) utilizing JQuery, PHP, and MySQL, which targets automating the On-campus placement process for various colleges.</li> <li>Managed existing and created relational databases using MySQL Workbench and deployed them on AWS.</li> <li>Worked on the website's front-end design using the prototyping tool Figma, followed by bootstrap.</li> <li>Co-pitched the online job placement portal, Jobaskit, to 3 University professors alongside the founder.</li> <li>Mentored 2 intern recruits working on the digitalization of the teaching process.</li> </ul>	
<b>Web Developer Intern, VESIT Renaissance Cell</b>	<b>June 2020 – July 2020</b>
<ul style="list-style-type: none"> <li>Led and managed a team of 6 during the entire duration of the internship.</li> <li>Worked on designing and implementing a Django based <a href="#">Paper Publication Easy-to-use Website</a> for my college, wherein teachers can easily add their newly published work for the students to see.</li> <li>Developed a <a href="#">Portfolio Website</a> for our mentor.</li> </ul>	
<b>Data Analyst Intern, Leadingindia.ai</b>	<b>May 2020 – June 2020</b>
<ul style="list-style-type: none"> <li>Worked in a team of four to build a Vaccine Prediction model on the H1N1 and seasonal flu vaccines to accurately predict the trends of the public acceptance rate (41%) of the Covid-19 vaccine.</li> <li><a href="#">Research Paper</a> was published in Springer &amp; I wrote a <a href="#">Blog</a> showcasing the correlation between the two pandemics.</li> <li>Secured first position for the mentioned research project amongst 85 peers intercollege.</li> </ul>	

## PROJECTS

<b><a href="#">Divya-Drishti: An Independent Aid for the Visually Impaired</a></b>	<b>Aug 2020 – May 2021</b>
Created a Voice-activated standalone IOT application using Raspberry Pi4 to help <u>Visually Impaired People</u> accurately detect Indian Currency notes, colors, and everyday objects. The project was funded under the <u>Mumbai University Minor Research Grant Program</u> . Received feedback from the members of <u>National Association for the Blind</u> (NAB). Achieved a 400% in net <u>cost reduction</u> compared to products made by OrCam. <i>Tech Used:</i> TensorFlow, OpenCV2, Google Cloud, Raspberry Pi, Android-Java, Linux, Python. <i>Achievement:</i> Published a <a href="#">research paper</a> highlighting the needs of VIPs.	
<b><a href="#">Code for Change Hackathon: A Data Extraction project</a></b>	<b>Nov 2020 - 24 hours</b>
Developed data extracting software for <u>Global Parli Foundation NGO</u> to automate the translation of Land/Farm ownership papers' pdf originally in Devanagari Script into an editable excel sheet using OCR. <i>Tech Used:</i> Django, Google Cloud, Html/CSS. <i>Achievement:</i> Secured <b>First</b> position for the data extraction project amongst the 72 teams participating.	
<b><a href="#">"Mental Health Messiah" Twitter Bot</a></b>	<b>June 2020 – Aug 2020</b>
Leveraged sentiment analysis to build a bot to help people suffering from mental health issues related to COVID-19. <i>Tech Used:</i> IBM-Cloud API, Twitter API, Python, React JS, Angular JS	
<b><a href="#">International Flutter Hackathon: Healthy While Distant</a></b>	<b>June 2020 - 48 hours</b>
Devised a user-friendly Flutter app that leveraged smartphones' existing Bluetooth Low Energy (BLE) technology to help users maintain social distancing during the COVID-19 pandemic. The app alerts the user if they come within six feet of another smartphone and includes an additional feature of teaching yoga moves to stay fit while quarantining. <i>Tech Used:</i> Flutter, Dart, BLE. <i>Achievement:</i> Secured top 150 positions amongst all the teams participating worldwide.	

## RESEARCH PUBLICATIONS

Inampudi S., Jhaveri J. et al., (2021) **Machine Learning Based Prediction of H1N1 and Seasonal Flu Vaccination**. In: Garg D., Wong K., Sarangapani J., Gupta S.K. (eds) Advanced Computing. IACC 2020. Communications in Computer and Information Science, vol 1367. Springer, Singapore. ([https://doi.org/10.1007/978-981-16-0401-0\\_11](https://doi.org/10.1007/978-981-16-0401-0_11))

**Technical Skills:** HTML/CSS, Javascript, Python, SQL, Java, React JS, Django, Flutter, Android-Java, AWS, Google Cloud