

JAY JHAVERI

+1 8582149192 | jjhaveri@ucsd.edu | San Diego | [linkedin.com/in/jayjhaveri1906/](https://www.linkedin.com/in/jayjhaveri1906/)

EDUCATION

Masters of Computer Science

University of California – San Diego (UCSD)

Sept 2022 – Dec 2023 (Expected)

Bachelor Of Engineering (Computer Engineering)

Vivekanand Education Society's Institute of Technology (VESIT)

August 2018 – July 2022

CGPA: 9.013/ 10

INTERNSHIP EXPERIENCE

Full Stack Development Intern, Makos Infotech

June 2021 – July 2021

- 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
- Worked on the front-end design of the website using the prototyping tool Figma
- Co-Pitched the product to a university alongside the founder & mentored new intern recruits working on the digitalization of the teaching process aiming to assist colleges in operating efficiently in virtual mode

Data Analyst Intern, Leadingindia.ai

May 2020 – June 2020

- Worked in a team of four to build a Vaccine Prediction model for the H1N1 and seasonal flu vaccines to accurately estimate the public acceptance rate (41%) of the Covid-19 vaccine.
- Research Paper was published in Springer & I wrote a Blog showcasing the correlation between the two pandemics.
- Achievement: Secured **First** position for the mentioned research project amongst my peers.

App Developer, Dalvik Apps

Dec 2019 – Jan 2020

- Designed and developed a Car Coin Collection game using C Sharp (C#) and created a UI-friendly library management system. Built an Android app using Android-Java as a substitute for default calling & messaging apps

Data Analyst Intern, Núclei Technologies

Dec 2018 – Jan 2019

- Applied ML algorithms such as Linear regression & random forest in R & Python to predict sales of products available at BigMart based on previous sales data

RESEARCH PUBLICATIONS

Jhaveri, J., Gupta, A., Chhabria, P., Ochani, N. and Sengupta, S., Dugad, S., (In Press). **Aatmanirbhar Sanchar: Self-Sufficient Communications**. International Conference on Intelligent Cyber Physical Systems and Internet of Things. ICoCI 2020. Engineering Cyber-Physical Systems and Critical Infrastructures, ECPSCI vol 3. Springer (<https://link.springer.com/book/9783031184963>)

Jhaveri, J., Gupta, A., Chhabria, P., Ochani, N. and Sengupta, S., 2021. **Divya-Drishti: An Independent Aid for the Visually Impaired**. SSRN Electronic Journal. (<https://dx.doi.org/10.2139/ssrn.3867707>)

Inampudi S., Johnson G., Jhaveri J., Niranjana S., Chaurasia K., Dixit M. (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)

ACADEMIC PROJECTS

Code for Change Hackathon (2020): Developed data extracting software for Global Parli Foundation NGO to automate the translation of Land/Farm ownership papers' pdf originally in Devanagari Script into an editable excel sheet. *Tech Used: Django, Google Cloud, Html/CSS*. *Achievement*: Secured **First** position for the mentioned project amongst my peers.

"Mental Health Messiah" Twitter Bot (2020): Leveraged sentiment analysis to build a bot to help people suffering from mental health issues due to COVID-19. *Tech Used: IBM-Cloud API, Twitter API, Python, React, Angular JS*

Automated Parking System (2019): Developed an Android app to automate security and tracking of space availability in public and private parking systems. *Tech Used: Tesseract OCR, Firebase, Android, Python*

ADDITIONAL INFORMATION

Leadership & Achievements:

- VESIT Renaissance Cell (2020)**: Led a team of 6 peers working on the design & implementation of a Django Paper Publication Easy-to-use Website for our faculty members to add their newly published work for student access
- Secured 1st place in Code for Change Hackathon held amongst 72 participants.
- Technical Skills**: Python, Java, C, PHP, Javascript, HTML/CSS, Flutter, Android-Java, Firebase, Google Cloud, OpenCV