**Education**

**Masters of Computer Science Sept 2022 – Dec 2023 (Expected)**

University of California – San Diego (UCSD)

**Bachelor Of Engineering (Computer Engineering) August 2018 – July 2022**

Vivekanand Education Society’s Institute of Technology (VESIT) 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](https://doi.org/10.1007/978-981-16-0401-0_11) was published in Springer & I wrote a [Blog](https://medium.com/@jjhaveri1906/pandemics-a-harsh-reality-7c05254e907b) 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. ICoICI 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.**, Niranjan 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](https://cmpn-publications-official.herokuapp.com/) 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