

KARAN TYAGI

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EDUCATION

San Jose State University (SJSU) <i>Master of Science in Software Engineering</i>	2021-2023
Manipal University Jaipur (MUJ), Jaipur, Rajasthan, India <i>Bachelor of Technology in Computer Science Engineering</i>	Aug 2020 CGPA: 8.1/10
Delhi Public School, Ghaziabad, India <i>Senior Secondary School</i>	Mar 2015 Percentage: 92%
D.A.V. Public School, Sahibabad, India <i>Secondary School</i>	Mar 2013 CGPA: 10/10

TECHNICAL SKILLS

- **Programming Languages:** Python, MySQL, HTML, CSS, JavaScript, PHP
- **Environment & Tools:** Git, Django, Heroku, Seaborn, Pandas, SciPy, Keras, TensorFlow, NumPy, PyTorch, Scikit-learn, BeautifulSoup, SQLAlchemy, PyQt, Unity, Unreal Engine, Autodesk Maya

WORK EXPERIENCE

Research Assistant, Indian Institute of Science (IISc), Bangalore, India • Worked on Automated Driver Assistance System under Dr. Pradipta Biswas.	Jan 2021 – Jun 2021
Software Development Intern (Pipeline), Tau Films, Hyderabad, India • Integral part of development team for TACO & VENDATA – the proprietary pipeline tools used by artists and vendors. • Provided technical assistance to artists on a Pepsi Vietnam Commercial and a Chinese feature film.	Jan 2020 – Nov 2020
Software Development Intern (Pipeline), Double Negative (DNEG), Mumbai, India • Worked on developing a lighting tool using Python library PyQt and Autodesk Maya API. • Got hands-on experience on Jira.	May 2019 – July 2019
Web Development Intern, COMP-2000, Sarajevo, Bosnia and Herzegovina • Worked on designing a website, using the .NET framework, to keep records of the client companies.	Jul 2018 - Jul 2018
Graphic Design Intern, Aam Aadmi Party (AAP), Delhi, India • Designed graphic content, using Photoshop and Illustrator, for AAP's Facebook page and Twitter handle, and also assisted new interns with the designs.	May 2018 - Jun 2018
Co-founder, Ostellos, Jaipur, India • Lead the product design and development team for Ostellos, an online platform to search for off-campus housing. The start-up was incubated in MUJ under Atal Innovation Mission, an initiative by government of India.	Jul 2017 - Mar 2019

PROJECTS

- **Healthcare Cost Predictor** Aug 2018 - Nov 2018
Built a platform using HTML, CSS, PHP, JavaScript, MySQL and Machine Learning to predict healthcare cost from input parameters.

LEADERSHIP

- **Graphic Design Head, Entrepreneurship Cell, MUJ** Aug 2017 - Mar 2018
 - Responsible for the graphic content that was being generated for various events organised by the Entrepreneurship cell.

HONORS AND AWARDS

- Got second position at the State level and qualified for the National round of the Start-up League Competition, April 2018.
- Finalist in the Smart India Hackathon'19 organized by government of India.