KARAN TYAGI

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EDUCATION

San Jose State University (SJSU)   2021-2023
Master of Science in Software Engineering

Manipal University Jaipur (MUJ), Jaipur, Rajasthan, India   Aug 2020
Bachelor of Technology in Computer Science Engineering   CGPA: 8.1/10

Delhi Public School, Ghaziabad, India   Mar 2015
Senior Secondary School   Percentage: 92%

D.A.V. Public School, Sahibabad, India   Mar 2013
Secondary School   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, Beautiful soup, SQLAlchemy, PyQt, Unity, Unreal Engine, Autodesk Maya

WORK EXPERIENCE

Research Assistant, Indian Institute of Science (IISc), Bangalore, India   Jan 2021 – Jun 2021
- Worked on Automated Driver Assistance System under Dr. Pradipta Biswas.

Software Development Intern, Tau Films, Hyderabad, India   Jan 2020 – Nov 2020
- 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.

Software Development Intern, Double Negative (DNEG), Mumbai, India   May 2019 – July 2019
- Worked on developing a lighting tool using Python library PyQt and Autodesk Maya API.
- Got hands-on experience on Jira.

Web Development Intern, COMP-2000, Sarajevo, Bosnia and Herzegovina   Jul 2018 - Jul 2018
- Worked on designing a website, using the .NET framework, to keep records of the client companies.

Graphic Design Intern, Aam Aadmi Party (AAP), Delhi, India   May 2018 - Jun 2018
- Designed graphic content, using Photoshop and Illustrator, for AAP's Facebook page and Twitter handle, and also assisted new interns with the designs.

Co-founder, Ostellos, Jaipur, India   Jul 2017 - Mar 2019
- 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.

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.