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| 3800 SW 34th St, H-67 (Gainesville, FL)  **Skype:** goyal.wins | Wins Goyal | +1 (352) 871-3689  winsgoyal.iitj@gmail.com |
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| **EDUCATION** | | |
| **Indian Institute of Technology Jodhpur, Rajasthan, India** | | |
| *Bachelor of Technology, Computer Science and Engineering, July 2011 - May 2015* | | |
| * Received Merit-cum-Means Scholarship AY 2011-12, for best academic performance, from the institute | | |
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| **PROFESSIONAL EXPERIENCE** | | |
| **IoTSPACE Pvt. Ltd.,** *Jodhpur, Rajasthan, India,* | | |
| *Jr. Research Engineer, Jan 2018 - Apr 2019* | | |
| * As *Research Assistant* and *Product Designer* for IoT based Smart City devices & in Kitchen robotics. * As *Alliance Executive* for Smart City consortium and as *Expansion Manager* for enterprise strategies. | | |
| **Voylla Fashions Pvt. Ltd.,** *Jaipur, Rajasthan, India* | | |
| *Software Engineer, May 2015 - Dec 2016* | | |
| * Developed ‘*Virtual Try-On*’ - interactive web-app to virtually try jewelry online - using HTML5 Canvas & Object-tracking JS frameworks. Devised optimal *Data* C*entralization process* by ELT mechanisms. * Implemented automation of accurately fitting Jewelry images on Model images using AWS S3, standardizing *Image-processing* through synchronized Python, Ruby, AWS CLI and Photoshop Action Scripts. * Worked on *backend/frontend optimizations* including data-indexing & garbage-collection issues. | | |
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| **PERSONAL/ACADEMIC PROJECTS** | | |
| **Drug-Similarity & Drug-Target Interactions Models**  *B.tech Final Year Project, IIT Jodhpur, August 2014 – April 2015*   * Programmed a learning software for classifying Drugs & analyzed different correlation indices, significantly reducing Drug Pipeline Process and creating accurate metrics of predicting Drug Repositioning.   **Solar (PV) Panel Cleaning Robot**  *Industry Project (Larsen & Turbo, Solar Park in Phalodi, Rajasthan), IIT Jodhpur, Summer 2012*   * Fashioned designs & evaluated the efficiency of three models (autonomous & manual) for low-cost dry cleaning robots for Inclined Solar-panels. The selected model is being mass deployed at Solar Park, Phalodi.   **Micro Air Vehicle**  *MICAV-2013 (National-level Annual competition organized by DRDO and NAL), Dec 2012 - July 2013*   * Engineered MANET with AODV protocols for communication and media transmission network with an autonomous Micro-UAV using a manual UGV as a hopping station. The team got shortlisted in the finals.   **Efficycle - A hybrid two-seated three-wheeled vehicle**  *SAE NIS 2012 (National-level Annual competition), IIT Jodhpur, Apr 2012 - Aug 2012*   * Validated proposed mechanisms mathematically. Modeled & simulated vehicle chassis in Solidworks. | | |
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| **TECHNICAL SKILLS** | | |
| * *Proficient in:* Python (Anaconda, Django, ML Libraries), Ruby, PostgreSQL; *Basic in:* R, React, Java * *Familiar with:* C++ (OpenCV, Vector), C, prolog, JavaScript, JSON, JQuery, MATLAB, Octave, LaTeX * *Framework/libs./platforms:* Keras, TensorFlow, PyTorch, Arduino, Drake, Ruby on Rails (MVC), Bitbucket, Git * *Software:* Solidworks & Simulations, 3Ds-Max, Adobe Photoshop & After Effects, Sony Vegas, MS Office | | |
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| **SELECTED COURSEWORK & ACHIEVEMENTS** | | |
| * *B.Tech CSE Electives:* Complex Networks, Machine Learning, Image Processing, Artificial Intelligence * *MOOCs (Audits):*Deep Learning Specialization Course *(Coursera)*, Underactuated Robotics *by MIT* *(Edx)*   - Undertook project on ‘*Anatomical Brain Segmentation*’ as part of the course (citing Qure.ai blog), *2017 - 2018*   * *#UdacityKPITScholar:* Achieved Scholarship for ‘*Self Driving Car Engineer*’ nanodegree, *Nov 2018 - Feb 2019*   - Projects (under this course): *Lane Tracking, Traffic Sign Classifier, Behavioral Cloning, Advanced Kalman Filters* | | |
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| **EXTRA-CURRICULAR** | | |
| * Pioneered *First* *Robotics Summer Camp* at IIT Jodhpur in *Summer 2013* for 8 interdisciplinary teams. Guided top 2 teams to demonstrate in the First Convocation Ceremony, IIT Jodhpur to *the* *President of India***.** * Got selected to attend a certified five-days *short term course on 'Mechatronics and Robotics'* organized by *IIT Indore in July 2013*, getting hands-on practice on cutting-edge technology tools, MEMS and Actuators. * **Media, Arts & Design Council** (Students’ Gymkhana, IITJ**)***, General Secretary (6 clubs), Apr 2013-Apr 2014.* * **Students’ Gymkhana Constitution Revision Committee** (IITJ), *Member, Formal Designs, Oct 2013-Apr 2014.* * **Parivartan** (A Social Initiative by IIT Jodhpur students) *Member, Education & Awareness Wing, since May 2012.* * **Punarjyoti Eye-donation Society** (City NGO, Bathinda), *Medical Camp Organizing Committee, since Feb 2017.* | | |