

PYTHON DEVELOPER PYTHON DEVELOPER PYTHON DEVELOPER Irvine, CA Programming (Python, C++, SQL, MATLAB, Fortran, familiar with Java) Comprehensive knowledge of machine learning algorithm (Regression, Classification, Clustering) Familiar with neural network and deep learning concept (TensorFlow). Authorized to work in the US for any employer Work Experience PYTHON DEVELOPER ROYAN INSTITUTE September 2016 to November 2016 Created a function in python to identify live sperm in cell photo Data Scientist Railways company - tehran September 2015 to September 2016 Executed dynamic and vibration test for new wagon Designed fault detection system based on analyzing test data Created speed profile simulation between station by the collected data from rail Performed motion pattern simulation to optimize fuel consumption RESEARCH ASSISTANT UNIVERSITY OF TABRIZ June 2012 to September 2012 Designed Bearing fault detection system using vibration signals and clustering methods based on genetic algorithm RESEARCH ASSISTANT ROBOTICS LABORATORY January 2011 to April 2012 Designed the small-sized robotic team Part of simulation system coding team Education M.SC. in Mechatronic Engineering UNIVERSITY OF TEHRAN September 2016 B.SC in Mechanical Engineering UNIVERSITY OF TABRIZ September 2012 Skills C+ (Less than 1 year), Fortran (2 years), machine learning (Less than 1 year), MATLAB (4 years), SQL (Less than 1 year), Python (3 years) Links <https://github.com/hosseinhgp> <https://www.linkedin.com/in/hosse inadiban/> Certifications/Licenses Python Data Structures April 2017 to Present University of Michigan License E6V9ATK543UM Python Programming April 2017 to Present University of Michigan License LEAF8WABKG73 Using Databases with Python April 2017 to Present University of Michigan License 2LTP7W8EYY6G Using Python to Access Web Data April 2017 to Present University of michigan License X7SUQ6YTTG8T Additional Information Technical Skills Programming languages: C++, Python, SQL, MATLAB, Fortran Machine learning: scikit-learn, Graphlab, Tensorflow Page 2

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