Python Data Developer Python Data Developer Austin, TX 3+ years of working experience with various python libraries specifically used for machine learning (NLP), artificial intelligence and computer vision. Have diverse skillsets in various object-oriented programming languages and web development frameworks. Authorized to work in the US for any employer Work Experience Python Data Developer Reform Capital - Austin, TX December 2017 to Present ? Reform Capital, Austin, TX (Python Data Developer) 12/2017-Current ? Social media data collection, cleansing, validation ? Web scraping, REST API (Ouath, AppAuth) API consumption (Tweepy, BeautifulSoup libraries) ? Using machine learning algorithms (decision tree) for better correlation for cryptocurrency prices with social media user sentiment analysis. Research Assistant UTSA - San Antonio, TX August 2016 to December 2017 ? Office of Personnel Management Data Breach Characterization 08/2016-11/2017 (Tools: Python 3.0 (Anaconda), Numpy, SciPy, Panda, NLTK libraries) ? Research work focused on characterizing public reaction (sentiment analysis) for OPM (Office of Personal Management) data breach notification on Twitter. ? Worked with huge volume of Twitter data for categorizing that into several topics using topic model algorithm such as LDA (Latent Dirichlet Algorithm). ? Further, reduced data was presented in form of simplified graphs using social network analysis tools - Gephi and NodeXL. ? Privacy profiling of Online Social Networking Users 08/2016-11/2017 (Tools: Python 3.0 (Anaconda), Scikit-learn, Numpy, SciPy, Panda, matplotlib) ? Research goal was to study different approaches in privacy controls for social networking sites. An efficient privacy model for reliable prediction of features was prepared using machine learning algorithms. ? The methodology was based on selecting best features from the data set using forest based decision trees and predicting those features using SVM (support vector machines) and comparing that with baseline Na ve Bayes prediction models. Further, evaluation was performed using K-fold cross validation, confusion matrix (precision, recall and F-score) and Bootstrapping method. Front End Developer i-WORLD SOLUTIONS - NA June 2012 to December 2013 (Front End Developer- HTML5, CSS3, Javascript, PHP5, MySQL) ? Mail Server Development ? Simple SMTP server for local development ? Used HTML5, CSS3, Javascript (Angular framework) for front end UI development ? Electronic package web based catalogue development

? Used LAMP (Linux, Apache, MySQL, PHP) architecture to implement both front and back end of the web product development ? Used Eclipse Neon for IDE where all front-end code was development through HTML5, CSS3 and Javascripts. ? Used Mysql for database and PHP5 for database connection and creating SQL queries. Education Master of Science in Computer Science The University of Texas at San Antonio - San Antonio, TX August 2016 to December 2017 Bachelor of Technology in Computer Science & Engineering Uttar Pradesh Technical University July 2009 to June 2013 Skills Linux (5 years), Windows 7 (3 years), HTML 5 (4 years), CSS3 (5 years), Python (3 years), Javascript (5 years) Additional Information Technical Skillsets   Programming Languages: PYTHON, C, C++, JAVA,   Python Libraries   Pandas, Numpy, SciPy, Scikit-learn, Tensorflow, Theano, NLTK, Gensim, Statsmodels, Matplotlib, Bokeh, Plotly   Web development   HTML5, CSS3, JSON, XML, DOM, Javascript, JS frameworks (Angular, React), PHP5 (Laravel Framework), MySQL, MongoDB, PDO (PHP Data Objects), Perl   Testing tool   Selenium Web driver, Karma, Protractor, Jasmine   Programming Languages: C, C++, JAVA, PYTHON   IDEs: Eclipse Neon, Pycharm, Spyder, Microsoft Visual Studio, Anaconda   Version Control: CVS, SVN, Git/Github, Build tools: Maven, Ant   Operating Systems: Ubuntu LINUX, Windows 7/10 OS

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