

Mohammed Noman Mulla

730 S May St #2, Chicago, IL, 60607 | mmulla4@uic.edu | (312) 804-8745 | www.nomanmulla.com
LinkedIn: www.linkedin.com/in/mohammed-noman-mulla

EDUCATION

University of Illinois at Chicago MS in Computer Science GPA: 3.66/4 Relevant Courses: Computer Algorithms, Development of Mobile Apps, Object Oriented Languages & Environments, Intro to Machine Learning, and Data Mining and Text Mining.	May 2019 (Expected)
Sardar Patel Institute of Technology, Mumbai University, Mumbai Secured a Bachelor of Engineering in Information Technology with Distinction.	May 2015
M.H.Saboo Siddik Polytechnic, Maharashtra State Board of Technical Education, Mumbai Secured Diploma in Information Technology with Distinction. Ranked 1st in a class of 42 students.	June 2012

WORK EXPERIENCE

Innovation Center, University of Illinois at Chicago Graduate Assistant <ul style="list-style-type: none">Contributing to the development of Building-Genome Android application (data consumption collection application used by site engineers), funded by Energy Source for Commonwealth Edison (ComEd) Electric Utility Company.	Oct 2017-Present
JP Morgan Chase & Co., Mumbai - India Technology Analyst <ul style="list-style-type: none">Designed a dashboard using JavaScript library-Fusion Charts to monitor the health of flowing trades between different trading applications.Accomplished better performance as compared to legacy messaging transformation application by migrating the code to latest technologies (Java, Spring, and Hibernate)Eliminated 3 hours of manual work by developing an E-Waste workflow using Joget, an open source workflow builder, for NASSCOMM Foundation through a philanthropic event.Served as a Subject Matter Expert and Technical Judge at "Code for Good" 2016.	July 2015 – July 2017
Mode de base (mdb.co.in), Mumbai - India Web Developer Mode de base is a startup dealing in men's apparel. <ul style="list-style-type: none">Developed an e-commerce solution for their store, built on Magento - an open source tool for e-commerce.Designed the user interface on Sass, Compass, and Susy for responsive design.Integrated Citruspay's payment gateway solution and Zeepost's shipping module.	July 2013- Dec 2013

SELECTED ACADEMIC PROJECTS

Industrial Product Nameplate System (Technologies: QT (GUI Framework), OpenCV) Problem Statement: Monitor Product Nameplate (Barcode, Text, and Color) for defects in the packaging process. <ul style="list-style-type: none">Packaged the system using BeagleBone Black motherboard and industrial vision camera, reducing the size of the existing system by 20%.Analyzed and implemented a baseline-decoding algorithm to overcome barcode decoding problem.Improved character detection by 50% by implementing feed forward and back propagation neural network.
Emails Spam Classifier (Technology: MATLAB) Problem Statement: Identification of spam emails in the inbox. <ul style="list-style-type: none">Implemented Support Vector Machines with Gaussian Kernels to do non-linear classification.Used cross-validation technique to calculate the F Score to detect the accuracy of the model.
InvestSmart (Technologies: Android, Python, Scikit-Learn) Problem Statement: Provide smart investment suggestion to individuals. <ul style="list-style-type: none">Implemented K-Means Clustering by using Scikit-Learn in python to group the individuals with the similar financial feature set.

TECHNICAL EXPERTISE

- Programming Languages and Frameworks: Java, Python, SQL, PHP and MySQL, Spring and Hibernate.
- Web Technologies: HTML, CSS, JavaScript, jQuery, AngularJS, Bootstrap.
- Machine Learning Tools and Technologies: MATLAB, Python (NumPy, Pandas, Scikit-Learn, Matplotlib)

CERTIFICATIONS

- Machine Learning - Coursera Stanford Online.
- PHP and MySQL - AICPTR (All India Council for Professional Training and Research)

AWARDS

- Awarded an appreciation letter at JP Morgan Chase from CIB (Corporate and Investment Banking) division.
- Recipient of the J.R.D Tata trust scholarship in the academic year 2012-2013 for academic excellence.