Neeraj Vashistha

Machine Learning Engineer | *Scandid* | neerajvash8@gmail.com | P: +91 7066 1851 25

I am an enthusiastic and passionate solution provider. My strengths include innovation, listening and striving towards perfection. I am passionate about programming and I am fairly language agnostic. To me, coding is like writing sonnets just not in 14 lines. My aim is to acquire knowledge and expertise in Data Science, to help discover solutions for the greater good.

Employment

- Machine Learning Engineer, 2018 - Present
  Scandid (Wishpoint Tech Private Ltd)
- Software Engineer, 2016 - 2018
  Tech Mahindra Ltd

Education

Bachelor of Computer Engineering, 2016.
Sinhgad Academy of Engineering,
University of Pune.
Score: 70.62%.

All India Senior School Certificate Examination, 2012.
Army Public School, Pune.
Central Board of Secondary Education.
Score: 88.88%

All India Secondary School Certificate Examination, 2010.
Army Public School, Pune.
Central Board of Secondary Education.
Score: 9.8 CGPA

Technologies Used at Tech Mahindra & Primary Work

Nature of work:

Worked in Production Infrastructure Maintenance and Enhancement for large-scale UK Telecom industry. Involved in writing Shell and Python Scripts to automate day-to-day tasks. Built Automation and Data analytic tools in Python to gain insight of transactions and to avert possible failure using Machine Learning. Other Responsibilities include writing, testing, enhancing and

executing SQL queries, stored procedures and triggers and PL/SQL blocks on databases using SQL Server Management Studio 2014

Technologies:
Python, SQL, Shell Programming, Java, R - Programming Language

Technologies Used at Scandid & Primary Work

Nature of work:
Worked on retrieval based Conversational Agents, for Shopping and Airport, an image receipt reading system built in domain of Computer Vision, Product recommendation system specifically Item-Item based.

Technologies:
Python, R - Programming Language.

Technology Applications and Skills

Language Skills
Proficient in Python, Java, R Programming, SQL, MongoDB, SQL/PLSQL
OS/Environments
Linux, Unix, Ubuntu, Windows, CISCO IOS

Projects

29.Dec.2011
- School Election System
- A full-featured Java MySQL project developed following OO Concepts and transaction control using MySQL.

20.Sept.2014
- COM102x Project Football Game
- A canvas class Game in Core Java developed for fun and for completion of course.

24.Oct.2014
- E-Learning System
- Java and MongoDB based Online Learning System, developed to test Big Data Handling using MongoDB through Java. Used JSON formatting to store and retrieve data to and from the Database.

30.Jul.2016
- Daily Ultrafast Delivery Enterprise
- This system features and touches fields of Artificial Intelligence, Machine Learning and Algorithmic Design, coded in Python, is a full Automated Query and Response System.

Feb 2017 - Sep 2017
- Conversational Agents
- Implemented NER and developed retrieval based models to understand end-user queries using Deep Learning.

Aug 2017 – Dec 2017

- Recommendation System
- ITEM-ITEM Collaborative filtering Recommender System in Python.

Oct 2017 – Jan 2018
- Receipt OCR
- This system is built to understand the text present on Receipts and extract based on rules

Certifications

1.Sept.2014
- COM102x, *Introduction to Computing with Java*
- A course of study offered by HKUSTx on edx.
- Verification [Link](#)

31.Oct.2014
- 6.00.1x, *Introduction to Computer Programming Using Python*
- A course of study offered by MITx on edx.
- Verification [Link](#)

30.Mar.2015
- R Programming by *Johns Hopkins University on Coursera*
- Verification [Link](#)

30.Mar.2015
- Exploratory Data Analysis by *Johns Hopkins University on Coursera*
- Verification [Link](#)

Extra Curricular

- Participated and won in several Inter School quizzes/debates and elocutions.
- Zonal Winner of National Network Security Championship, 2015.
- Student Coordinator for Events in Techtonic -2015, the annual STES college fest.
- Core Member of Department's Student Association 2014-2015.
- Participated actively in events and workshops like Web Development with Open Source by CyberCure Solutions, Technical Poster Presentation Event, and Game Development using Maya and Unity and SEED IT Idol Competition organized by SEED Infotech Ltd. and University of Pune.

Interests

- Data Science and Statistics, Machine Learning, Artificial Intelligence Planning and Data Mining.
- Algorithm Design and Questioning, Intelligent Systems in Cryptography, Freelance Coding.
- Meditation, Music, Movies and Crime Novels.
- Running, Swimming, Football, Table Tennis and Hangouts.