VISHAL KULKARNI

-Harrison, NJ | vishal.0439@gmail.com | +1-650-250-2100

Objective:

To get a Summer Internship opportunity with unique coding skills for disposal.

Education:

New Jersey Institute of Technology - GPA 3.63 ***Expected Graduation – Spring 2018***
MS – Computer Science

- Key Courses – Machine Learning, Data structures & Algorithms, Big Data, CPL Java

University of Mumbai - GPA 3.25 ***Graduated - May 2011***
BE – Electronics & Telecommunication Engineering

Computer Skills:

Proficient:
Java, J2EE, JSP, Servlets, HTML5, CSS, JSON, XML, Oracle DBMS, IntelliJ, Eclipse, Git, Maven, Knowledge of Data Structures & Algorithms, Object Oriented Programming Concepts

Working knowledge:
Python, C++, AWS Lambda, AWS EC2, Dynamo DB, MySQL, MS SQL SERVER 2008, Struts, AWS-Alexa Skills Kit, OS X, Windows, Linux, Android studio, Machine Learning, MS Office Professional, Great Excel skills

Familiar:
Scala, Hadoop, Spark, PHP, QC, QTP, SAP-TAO, SAP-ABAP, Knowledge of RESTful APIs

Experience:

Software Developer, NTT DATA Global Delivery Services, Bangalore, India ***Jan 2014 – July 2016***

- Migrated company's data from generic system to SAP system using Java.
- Worked on various Modules of SAP (SD, MM, FICO, HR) as a SAP-ABAP Developer.
- Responsible for keeping track of various change requests coming from teams across 5 countries.
- Used Excel extensively for report generation & writing Technical specifications(TS) for clients

Trainee – Internship as Bilingual IT Professional, Experis Manpower Group, Pune, India ***Jan 2013 – Dec 2013***

- Designed & developed Online Job Portal web application using Java, Struts, JSP, Android, Oracle 10g Database, Web Services, JSON, HTML, & CSS.
- Worked on native Android application development for mobile users.
- Earned Japanese (JLPT N3) Certification to interact with overseas team.

Co-Founder – Web Developer, GlobalVAservices (startup), Mumbai, India ***Sept 2011 – Dec 2012***

- Designed and Developed Company's website using JavaScript, PHP, HTML, CSS, MySQL.
- Delivered high quality, bug free web based projects to various clients.

Achievements:

- 2nd price, **Hackathon 'HackNJIT 2016' –** Alexa Chef.
- Participated & Won multiple National level inter-college Robotics competitions (RoboWar, Robo-Soccer, MazeFinder etc.)
- Built self-balancing Robot 'SEGWAY' in Final year of Engineering – received scholarship.
- Bilingual in English and Japanese (JLPT N3 Certified).

LinkedIn: https://www.linkedin.com/in/vishalk90
GitHub: https://github.com/vishalk90
Website: vishalkulkarni.com

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Projects:

Test Data Prediction [Dataset - SNP genotype], Machine Learning – CS675, NJIT, USA ***Oct 2016 – Dec 2016***

https://github.com/vishalk90/Project_MachineLearning

- Used Single Nucleotide Polymorphism (SNP) genotype, containing 29623 SNPs (total features) & 8000 individual data points as a Train_Dataset for training the Model. Wrote a Python code to classify the Test_Data of 2000 different data points.
- Applied F-Score Algorithm for feature selection. Able to select 14 best features from total 29623. Significantly reduced code execution time.
- Used HingeLoss classifier for classifying the Test_Data. Able to increase the prediction accuracy from 59% to 67%.

Peg-Solitaire Game Solver, CPL – CS635, NJIT, USA ***Sept 2016 – Dec 2016***

https://github.com/vishalk90/PegSolitaire

- Wrote a program which can solve the Peg-Solitaire game by itself, basically designed an AI for Peg-Solitaire game.
- Used Backtracking for achieving the final goal of puzzle i.e. single peg.
- Wrote the code in two different languages, Java as well as in Python - one of the requirement of project.

ATM Machine, Java Programming – CS602, NJIT, USA ***Oct 2016 – Dec 2016***

https://github.com/vishalk90/ATMachine

- Designed and developed a desktop application which can perform all the required tasks related to ATM Machine.
- Used socket programming, threading, JDBC and AWT components in java for client-server communication, session creation, database connectivity, and front end.

Alexa-Chef, Personal Project, Hackathon, USA ***Nov 2016 – Nov2016***

https://github.com/vishalk90/AlexaChef_AmazonEco

- It's an Alexa app used with Amazon Echo, to give you access to recipes across the world.
- Used AWS Lambda, Dynamo DB, Alexa skills kit for development.
- Won 2nd price at HackNJIT 2016 Hackathon.

Segway: Self-balancing Robot, Final Year Project, Undergrad, India ***Jan 2011 – May 2011***

- It was two-wheel self-balancing Robot, powered by batteries, used for transporting. The vehicle(Robot) was capable of balancing itself as well as the external weight applies on it. The main heart of the robot was micro-controller AtMega168, in which the whole algorithm was feed. For determining the tilt of the body, we used 3 axis accelerometer & gyroscopic sensors for more accurate reading of tilt. For programming, we used Arduino tool, which requires knowledge of C++.