Paras Gandhi

Education

2013–2017 **B.Tech**, *Bharati Vidyapeeth University College of Engineering* , Pune, *66.8%,First Class with Distinction, Class Rank 3*.

Experience

July 2017–Present **Software Engineering Intern**, *Diligence Systems*, Pune
`http://diligencesys.com/`.
MEAN Stack Web Development.
Created a RESTApi with MongoDB to update an angular based dashboard

Dec-2014 to Jan-2015 (10 months off-site) **Software Engineering Intern**, *Blue Water Trade Winds Pvt Ltd, Dehradun*,
`https://bwesglobal.com`.
Worked on full stack development of a django application for weather route optimization and monitoring of ships
Tasks involved - Worked on an Innovative service cum feature, that aims to optimize main engine consumption on the route adopted by the vessel staff. A highly sophisticated algorithm generates precise options and thereafter decides the most optimum speed schedule with minimum fuel consumption foreseeing the weather ahead.

Computer skills

- Programming Languages: Java, VB.net, C, Python(Django), Servlets, JSP
- Web Technologies: HTML, CSS, Bootstrap, JavaScript, AngularJS
- Databases: MongoDB, REST, SQL
- Mobile Technologies: Android Studio

Interests

Riding Just cruising and waiting for new adventures is way of life
Photography Nature Photography
Reading Avid Reader

Courses

- Cs231n(Stanford) : Convolutional Neural Networks for Visual Recognition.
- Machine-Learning - Coursera
- Relevant Undergrad Courses. Design and Analysis of Algorithms Optimization Techniques Operating Systems Artificial Intelligence Machine Learning

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Projects

- FULLY CONVOLUTIONAL VISUAL QUESTION ANSWERING
  https://github.com/parasgandhi/convolutional-vqa
  Combined CNN(for extracting visual features) and Bytenet(for text modeling) to solve the problem of visual question answering .
- BOSS
  BOSS is a Speed Simulation tool which is used to plan an optimum speed for oil tankers at various points in time for journey from point A to point B. It takes into account various dynamic factors and provides with the most economic journey.
- Garduino
  Wireless Automatic Gardening System. Uses data collected from soil moisture sensors, temperature sensors and based on the weather forecast, decides to water the plants or not. Also tweets about every action it takes.
- RGB Arduino
  Wireless Ambiance Lightning System, controlled with your smart phones.

Publications

- Published a Research Paper Based on Application of Machine Learning in Music Shuffling
  `http://www.ijcstjournal.org/volume-4/issue-1/IJCST-V4I1P26.pdf`
- Garduino-The Garden Arduino
  `http://ijcst.com/ijcst-8-2-ver-2-april-june-2017/`
- A Smart Approach to Avoid Phishing
  `http://grdjournals.com/article?paper_id=GRDJEV02I060131`
- Arduino RGB
  `http://grdjournals.com/article?paper_id=GRDJEV02I060123`

EXTRA ACADEMIC ACTIVITIES

- Zensar employability skills development program
- Member of ACES (2015-2016) –Association of Computer Science Engineering Students as Alumni Relation Manager
- Participation and Organisation of Various events at College Feast.
- Blood donation at blood donation camps by the college.

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