Vedang Wartikar

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EDUCATION

UNIVERSITY OF PUNE (SPPU)
BE in Computer Engineering
November 2020 | Pune, India
MMCOE, Pune
First Class with Distinction
Cum. GPA: 8.76 / 10.0
Final Year. GPA: 9.59 / 10.0

SP COLLEGE
10+2 Science (HSC)
March 2016 | Pune, India
Percentage : 80.88

LINKS

Website:// **vedang.dev**
Github:// **github.vedang.dev**
LinkedIn:// **linkedin.vedang.dev**
LeetCode:// **vedangwartikar**
HackerRank:// **vedangwartikar17**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
System Programming and Operating
Systems
Software Engineering and Project
Management
Artificial Intelligence and Robotics +
Practicum
Machine Learning + Practicum
Cloud Computing + Practicum

SKILLS

PROGRAMMING
Proficient:
Python • ML/AI • C/C++ • Git • MySQL
Expert:
R • UNIX/Linux • Java • JavaScript •
Docker • HTML/CSS
Familiar:
Tensorflow • ReactJS • Ansible • RegEx

ACHIEVEMENTS

- **Top 5% (out of 500K people)** in GIT Assessment (LinkedIn)
- TechGig Code Gladiators 2020 Finalist
- Secured **1st rank in Tech-Rex National Level Technical Quiz** organized under CSI
- **LeetCode:** Solved over 260+ Problems
- **HackerRank:** 5 Stars (Gold Badge) in Problem Solving and Python

EXPERIENCE

PERSISTENT SYSTEMS | Software Engineer
November 2020 – Present | Pune, India
- Developing a tool in Python to validate open-source packages on IBM's Power8 machines (for introducing a parity between x86 and ppc64le architectures)
- The tool, which uses detached docker containers to automate the process of installing/building/testing open-source packages from a variety of languages and frameworks, has reduced the team's manual effort by 80%
- Writing build scripts for open-source packages to run on IBM's power8
- Built a Keras model along with Flask end-points for a crowd detection system

SIRPI | Data Science Intern
August 2020 – November 2020 | Pune, India
- Responsible for the development of Wind Shear Application, built using R, Shiny Framework and AWS Stack, which uses machine learning techniques to predict windspeeds at target heights, which is used by Wind Engineers
- Built an end-to-end Business Chatbot using R frameworks and Plumber APIs with Twilio endpoints along with a Shiny based interactive admin dashboard UI

RHYTHMFLOWS | Software Engineering Intern
May 2020 – August 2020 | Pune, India
- Implemented a generic library to check reconciliation status for large scale transactions of different business entities using Python, Django, ORM based SQLAlchemy. It helps in analyzing patterns for fraudulent transactions
- Worked on an API-Hub which provides uniform and secured handling of API push/pull requests from multiple banking entities

PERSISTENT SYSTEMS | Project Intern
June 2019 – June 2020 | Pune, India
- Built a centralized **Slack Assistant** ⎋ which manages scheduling tasks on interconnected PCs using Natural language
- Tech stack used : Python, Docker, RedHat Ansible, NLP

PROJECTS

AUTO SCHEDULED LOG REPORT MAILER ⎋
Scheduling using Python
Automation script to mail Process Log from multiple clients to a server.

SORTING VISUALIZER ⎋
Visualization using ReactJS
Explores different sorting techniques like Insertion Sort, Merge Sort, etc.

VIRTUAL FILE SYSTEM ⎋
UNIX system internals using C
The VFS provides all the necessary UNIX file subsystem functionalities.

CERTIFICATIONS

Algorithms Specialization
Stanford Online | Coursera (Issued April 2020)
Machine Learning: Hand-On Python and R in Data Science
Udemy (Issued Nov 2019)