Amar Shishodia

amar.shishodia@gmail.com | +91 7838448152

EDUCATION

Jaypee Institute Of Information Technology
BTech in Computer Science
Expected May 2019 | Noida,India
CGPA: 6.3/10.0

Bharati Vidyapeeth School
Grad. May 2015| Pune, India
Marks 82%

DAV School,Aundh
Grad. May 2013| Pune, India
Marks 9.2 cgpa

LINKS

Github:// **gladipero**
LinkedIn:// **Amar Shishodia**
InterviewBit:// **amar-shishodia**
Quora:// **Amar-Shishodia**

COURSEWORK

Undergraduate
Operating Systems
Artificial Intelligence and Machine Learning
Algorithms and Problem Solving
Advanced Data Structures
Internet Of Things Networks and systems
Computer Networks
Database systems and management

SKILLS

Scripting Languages
Python ★★★★☆
C/C++ ★★★★☆
JavaScript ★★★☆☆
PHP ★★★☆☆

Database
MySQL ★★★☆☆
SQLite3 ★★☆☆☆

Operating Systems
Linux ★★★★☆
Windows ★★★★☆
MacOS ★★☆☆☆

AREAS OF INTEREST

• Artificial Intelligence and Machine Learning
• Big Data and Data Analytic

EXPERIENCE

Rockwell Collins | Intern
May 2018 – July 2018 | Bangalore, India
Website: https://www.rockwellcollins.com

- Rockwell Collins is a leader in aviation and high-integrity solutions for commercial and military customers around the world.
- Worked on Python to plan, design and develop the full module implementation of a new framework to automate testing of National Instrument hardware used by the company.
- All code was reviewed, perfected, and pushed for use by the testers.

Shivrai Technologies | Future Software Research Intern
Dec 2017 – Jan 2018 | Pune, India
Website: www.shivrai.co.in/

- Shivrai Technologies Pvt. Ltd. is Pune, India based company specialized in rendering innovative Agriculture based IT solutions to clients across the globe.
- Worked directly under the Co-Founder and CEO of the company to help sketch a plan as how python and various new technologies can be used with their products.
- Developed and presented a prototype image processing module which could be implemented with their product.
- Also gave them a report on how a chatbot can be trained and used as their customer service representative.

Vidyarthi Classes | Website Development Intern
Nov 2017 – Feb 2018 | Work From Home

- Vidyarthi Classes is a coaching institute based out of Greater Noida,India.
- Worked as a support on the development of their Website and management system on PHP.
- All code was reviewed and pushed on to become their current website.

Rockwell Collins | Intern
May 2017 – July 2017 | Bangalore, India
Website: https://www.rockwellcollins.com

- Rockwell Collins is a leader in aviation and high-integrity solutions for commercial and military customers around the world.
- Worked under the guidance of my mentor at the company to create an early database testing script which can be used to check the capabilities of a database scheme in the early stages of its development by the company.
- All code was reviewed, perfected, and pushed for use by the company employees.

LANGUAGES

English :: Fluent
Hindi :: Proficient
French :: Basic

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MacOS ★★★☆☆

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PROJECTS

Database Testing Script May 2017 - July 2017
Worked under the guidance of my mentor at Rockwell Collins to create a tool which on the input of credentials to a MySQL or sqlite3 Database learns its schematic architecture and inserts N number of rows of random data to the database.This was developed as a tool useful in early stages of database development and testing.It was tested, reviewed and added to its software resource centre.

Automated Testing Module May 2018 – July 2018 | Bangalore, India
Worked as a Python Resource to the Interior Systems team at Rockwell Collins to provide an automated testing module for the National Instruments hardware and other hardware instrumentation they are using in their Interior Systems in Boeing, Bombardier and Airbus planes.It was tested, reviewed and added to its software resource centre.

Train Sequencing Using Semaphores and Threads
Mar 2017-Apr 2017
A train sequencing program created on C++ with the help of semaphores and threads written as part of a course project for the Operating Systems Course.
Github Link:
https://github.com/gladipero/Train-sequencing-using-semaphores

Auto Complete Dictionary
Aug 2016-Nov 2016
A basic C++ program which gives word auto complete word suggestions. Made using the Trie Data structure for the Data Structures course.
:Github Link:https://github.com/gladipero/Autocomplete-DS-project-

Noise Reduction In Audio Application Feb 2018- May 2018
A noise reduction cross-platform application made using Kivy framework and Python which applies basic filters on a sound recording in the Audible frequency range to amplify Speech in the audio.
Github Link:
https://github.com/gladipero/Noise-reduction-in-sound-recordings

Scrabble Word Game Feb 2017- Apr 2017
A scrabble word game created using Turbo C++, Graphics and previously made Auto Complete Dictionary used for verification of the words created.
Github Link: **https://github.com/gladipero/Scrabble-Word-Game-**

Calculator Image Reader Dec 2017- Apr 2018
A working prototype of how python and image processing created during my time at Shivrai Technologies as how they can be used to measure readings from digital displays and be used in their product.

Latency Optimization in Grid Networks Sept 2017 - Dec 2017
A research based semester project where we proposed a new hybrid latency optimization algorithm specifically optimal for grid based networks.

Extract Meta Data From Images Feb 2018- Apr 2018
A python based Image Meta data Extractor made as an utility tool for another project.
Github Link: **https://github.com/gladipero/metaDataExtractor**