Shivam Shukla

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EDUCATION

PSIT KANPUR (AKTU)
B.Tech in Computer Science
Expected Graduation:2020
Current Percentage:78

THE CHINTELS SCHOOL
Intermediate| I.S.C. Board
Percentage: 80
Grad.2015| Kanpur, India
High School| I.C.S.E Board
Percentage: 83.6
Grad.2013| Kanpur, India

COURSEWORK

Algorithms & Data Structures
Software Engineering
Database Management System
Compiler Design
Digital Logic Design
Discrete Structures
Operating Systems

POSITIONS

- IEEE-PSIT Student Branch **Chair**
- **Co-founder** at Arybhata Club
- Mentored 2 Masters Student for Vlabs Development • Student Research Co-ordinator • School Administrator
- Event Head at School's Computer Club

INTERESTS

- Competitive Programming
- Algorithms and Data Structures
- Machine Learning • Android App Development • Web Development

SKILLS

PROGRAMMING
Proficient:
- C • C++ • Java • Python • Javascript
- HTML • CSS • Django • MySQL
Familiar:
- Prolog • LaTeX • Android • Lisp • GNU Octave • Bash Scripting

OPERATING SYSTEM
- Windows • Linux

OTHER EXPERIENCES

- Workshop Volunteer • Public Speaking
- Project Mentor • Management • Student Member at **IEEE, IEEE-IAS & IEEE-CIS**

PROJECTS AND COMPETITIONS EXPERIENCE

SMART INDIA HACKATHON (MIN. OF STATS) |Team Leader
March 2019 | Guwahati, Assam
- Developed a Web-App Solution for Extraction of PDFs for mentioned URL.
- Implemented Web Scrapping using Beautiful Soup.
- Implemented a notification system to notify user for updates in mentioned URL.

TWO WHEELER MODERATOR | Full Stack Developer
Sep 2018 - Feb 2019 | Kanpur, UP
- Developed & Deployed a Web-App to sell or buy 2 wheel second hand vehicles.
- Integrated Payment gateway, Chatbot, Price evaluator,etc. for buying & selling.
- Got a return Internship offer from AFour Technologies, Pune.

MICROSOFT IMAGINE CUP ASIA ONLINE SEMIFINALS
Sep 2018 – Dec 2018 | Kanpur, UP
- Worked on product to solve real life problem. Prototype to be **patented**

IEEE MADC | Team Leader
Oct 2018- Dec 2018| Kanpur, UP
- Worked on an Android App to convert handwritten notes/files,etc into text files.

INDIA INNOVATE CHALLENGE DESIGN CONTEST | Team Leader
Sep 2018- Oct 2018| Kanpur, UP
- Completed Technical exam modules of Texas Instruments at Drishti Portal.
- Completed Management Course at IIMBx with score of **38/40.**
- Submitted the **lean canvas and pitch vedio** for the idea and prototype solution

VIRTUAL LABS (Sanctioned by IIT Delhi and MHRD) | Team Leader
May 2018 - Present | Kanpur, UP
- Led the team of 8 developers for proper and timely development of **Python Programming Virtual Lab** with simulators and quizes.
- Lab is developed using technologies like HTML,CSS,Bootstrap,PHP, JavaScript and configured with MySql Database.

E-YANTRA COMPETITION BY IIT BOMBAY | Team Leader
Oct 2017 – Mar 2018 | Kanpur, UP
- Worked on a project to Develop a **Collector Bot.** The bot would find and pick up the fresh fruits from the farm and load them into the truck.
- Programmed **ATmega 2560 microcontroller** & Bots using **V-REP's Python API.**
- Worked with Lua and **OpenCV.**
- Implemented a **PID controller** for path following of our bot.
- Scored an aggregate of **97.1/100** in Task 1(1.1 and 1.2).

ACHIEVEMENTS

Year	Rank	Description
2019	3rd/20,000	**InTech Olympiad** at College of Engineering, Pune
2019	National	**Smart India Hackathon** Software Edition Finalist
2019	Top 30/600+	Selected for **Machine Learning** Course by Algo8
2018	1086/4000+	**IEEE Xtreme 12.0** Global Coding Competition
2018	National	**India Innovate Challenge Design Contest** Qualifier
2018	Top 7 percent	**Eyantra Robotics Competiton** Conducted by IIT Bombay
2015	Joint 2nd/23,857	Scored **98/100** in Hindi in I.S.C. Board Exams
2012	3rd in School	Awarded with **Bronze Medal** in Science Olympiad by SOF