Akshat Raj Baranwal

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EDUCATION

MIT WPU
B.Tech in Electronics and Communications Engineering
Expected Jun 2022 | Pune, India
Cum. GPA: 9.32/10.00

SUNBEAM LAHARTARA
XIIth Standard, CBSE
May 2017| Varanasi, India
Percentage: 76.00/100.00

LINKS

LinkedIn:// **in/akshatrb**
Github:// **akshatrb**
Codechef:// **monasax**

SKILLS

PROGRAMMING
Experienced
• C/C++
Intermediate
• Python
• Embedded C
Familiar
• HTML • CSS • JS
• Latex
• Matlab

OPERATING SYSTEMS
• Linux/Unix
• Windows

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Object Oriented Programming
Fuzzy Logic and Graph Theory
Operating Systems
Digital Image Processing
Computer Networks
Digital Communication
Maths for Artificial Intelligence
System Programming

POSITIONS HELD

• Training and Placement Coordinator in college.

PROFESSIONAL EXPERIENCE

LIGHT INFORMATION SYSTEMS | Technical Intern
- Working on Light's state of art V3 engine for making chatbots.
- Implemented an Employee Engagement chatbot. Fixed bugs in logic.
- Helped in curating a user-manual for company clients. Currently working on Data QC in one of the projects. **[Company Website]**

PROJECTS

TWITTER SENTIMENT ANALYSIS | Python, Data Analysis, RegEx
- Implemented a Sentiment Analysis methodology on tweets.
- Employed the publicly available twitter API v1.1 to fetch tweets. **[Github Link]**

CLEVERNOTE - A MINIMAL NOTE TAKING APP | JS, ReactJS
- Created a clean note taking web-app inspired from Evernote.
- Has functionalities like New Note, Archive Note, Restore Note, Delete Note and Dark Mode. **[Github Link]**

LOAN PREDICTION | Python, ML
- Applied Classification models on a dataset from kaggle to predict the Loan Status.
- Performed Pre-Processing steps, explored analysis methods and tools and showcased the output using various techniques. **[Github Link]**

COVID-19 NOTIFICATION SYSTEM | Python, BeautifulSoup
- Cutdown the time wasted in repeatedly checking updates on number of covid cases in one's area during lockdown, 2020.
- Notifies the user about the number of active cases, deaths, etc via a Windows notification pop-up. **[Github Link]**

AUTOMATED ROOM LIGHTING | Embedded C, 8051 MC
- Implemented an 8051 Microcontroller based project which automatically turns on/off the lights in a room on detecting any human movement.
- Reduced electricity consumption by atleast 20%. **[Github Link]**

ACHIEVEMENTS

• Global Rank - 3292 in CodeChef February Lunchtime 2020
• Completed Hacktoberfest 2020
• Scored perfect 10.00 in the 4th Sem