ABHISHEK VERMA
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Objective: Seeking internship in a fast growing organization to acquire experience and to be an asset to the organization by imploring ideas, attaining excellent standards while meeting organizational needs.

ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute/School
2018	B. Tech Computer Science S/W Open Source and Standards	University of Petroleum and Energy Studies
2017	Machine Learning Engineer Nanodegree	Udacity Inc.
2014	Class XII Board (CBSE)	Kendriya Vidvalaya No. 2, Jodhpur
2012	Class X (CBSE)	Kendriya Vidvalaya No. 2, Jodhpur

TECHNICAL SKILLS

- Programing Languages — C, Shell Script, Python, Ruby, C++, Perl, Java
- Libraries — Numpy, Pandas, Scikit-Learn
- Software — MATLAB, Octave, Anaconda, Atom, Flex, Bison
- Documentation — Latex, Markdown, UML Diagrammer
- Version Control — Git & GitHub

RELEVANT COURSES UNDERTAKEN / ONGOING

- INTRODUCTION TO OPEN SOURCE & STANDARDS
- PROGRAMMING AND DATA STRUCTURE
- DESIGN AND ANALYSIS OF ALGORITHMS
- SOFTWARE ENGINEERING AND PROJECT MANAGEMENT
- MARKETING AND SERVICES IN OSS
- THEORY OF AUTOMATA AND COMPUTATION
- MACHINE LEARNING
- COMPILERS DESIGN
- SERVICE ORIENTED ARCHITECTURE
- COMPUTER SYSTEM ARCHITECTURE
- OPERATING SYSTEMS
- ARTIFICIAL INTEIGENCE
- SPEECH AND NATURAL LANGUAGE PROCESSING
- OBJECT ORIENTED ANALYSIS AND DESIGN

INTERNSHIPS AND RESEARCH PROJECTS

TEXT COMPUTATION – NATURAL LANGUAGE PROCESSING (2016)

- This project focuses on the implementation of NLP in text based computation, to extract information given in the string & perform arithmetic and logical operation.
- Designing the **grammar (BNF)** and implementing it using **YACC** and **LEX**.
- Coding the project for command line argument and providing graphic.

UDSCRIPT – NEWBIE UBUNTU INSTALLATION (2016)

- It is Ubuntu software installation tool which help newbie to install software without looking for PPA & can install software.
- Creation of single command line download and execution.
- Coding the project in shell script and user interface design.

FLEX/BISON CHEAT SHEET – IA DUCKDUCKGO INC. (2016)

- Created **Instant Answer (IA)** module for Flex/Bison for DuckDuckGo. **Search Engine plugin** for helping user with Flex and Bison, instant answers that provide a static “cheat sheet” that are simple to get started.
- Make it easy for user to find relevant commands and working for Flex and Bison.

STUDENT INTERVENTION SYSTEM – MACHINE LEARNING (2016)

- Investigated the factors that affect a student's performance in high school. Trained and tested several supervised machine learning models on a given dataset to predict how likely a student is to pass.
- Data wrangling and trimming.
- Selection of best model based on relative accuracy and efficiency.

EXTRA-CURRICULAR ACTIVITIES

- **Python Certified** (185522QGIL) by Spoken Tutorial Project, IIT Bombay.
- **Technical Writer** on www.gitbook.com/@hell-sing.
- Won **second prize** in Code Buzz held in **CIT-Conclave’15** at UPES on 12 Dec’15.
- **Community Supporter** on www.askubuntu.com.

POSITIONS OF RESPONSIBILITY

OPEN SOURCE CONTRIBUTOR, DUCKDUCKGO INC.

CORE COMMITTEE MEMBER, UPES – OPEN SOURCE COMMUNITY