Raghav Dua

Address for Correspondence:
University of Petroleum and Energy Studies
Energy Acres PO Bidholi via Prem Nagar
Dehradun-248007(Uttarakhand), India

Phone : **+91, 9628003616, +919818245320**
Email : **duaraghav8@gmail.com**
Linkedin: https://in.linkedin.com/in/raghavdua
Github: https://github.com/duaraghav8

I am a second year Computer Science Major who loves Programming and Entrepreneurship. I am an active contributor to the pen source community. My Skill set includes Back End Development (Node.js + Mongo, Python + Mongo), Machine Learning (Python), Application Software Development, Software Architecture, Algorithm Design, Vulnerability Analysis, Web Scraping and Data Mining.

ACADEMIC BACKGROUND(SCHOOL):

Year(s)	Qualification – Degree / Diploma / Certificate	Board/University	College / Institute/ University	Percentage / CGPA
2011	High School	IGCSE	Pathways World School, Gurgaon	85%
2013	Senior School	International Baccalaureate (IB)	Pathways World School, Gurgaon	38 / 45

ACADEMIC BACKGROUND(COLLEGE):

Year	University	Major	CGPA
2014	University of Petroleum and Energy Studies	B.Tech, Computer Science	2.9 / 4

Work Experience

Interned at Amicus.co during the summer of 2015, where I built Components of the Android App, developed the App's Back End (Python + MongoDB) and worked on their Data Mining Modules.

Currently working with a PhD Candidate in my college on Particle Swarm Optimization Algorithms.

Developed a set of Windows based tools to enable Operating System Features disabled or blocked by College IT Administration. Currently used by 100+ students.

Network mold: Open Source Software Project aimed to automate windows network configuration. Primarily developed for students at my college living in Private hostels, currently 300+ users.

Alpha Version – Official Android App, UPES ACM Student Chapter

LILY – Lion Identification Lossless Yield at Wildlife Institute of India: A software project for the purpose of conducting lion census.

Developed an IRC Back End Application (Python + MongoDB) in a team of 7.

Freelancer (June, 2013 – Present)

Technical SKILLS

- **Languages** – C, C++, Core JAVA, VB 6.0, SQL, Assembly (x86, x64 – AT&T, Intel), Python 3, PHP, Bash, HTML5, XML, CSS, JavaScript (Core, Node.js)
- **Software Packages** - SolidWorks, MS Office, Dreamweaver, Torque, GDB, Android Studio, Eclipse , Django, Matlab, MongoDB, MySQL, Metasploit
- **Operating Systems** – Windows, LINUX, DOS, Mac OSX, Android
- **Reverse Engineering**
- Penetration Testing & Vulnerability Analysis

PERSONAL DETAILS

Date of Birth	:	09-01-1996
Father's Name	:	Lt. Col. Rajiv Dua
Mother's Name	:	Mrs. Komal Dua
Category	:	General
Gender	:	Male
Nationality	:	Indian
Passport Details	:	P.No. – K6011556, valid till June, 2022
Permanent Address	:	D-1005, Sispal Vihar (AWHO), Sector 49, Sonha Road, Gurgaon

Permanent Phone No.   :   +91- 9818245320

Languages Known   :   Hindi, English, Punjabi and Spanish

I declare that the details above are correct and true to the best of my knowledge.
Raghav Dua