

UJJWEL BALWAL

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EXECUTIVE SUMMARY

An **undergraduate student** at SSN College of Engineering, affiliated to Anna University. A curious learner in field of Machine Learning, Android App Development, and Data Analysis. A 2021 batch student, perusing B.E. in Computer Science, interested in internship opportunities.

PROFESSIONAL SKILLS AND INTERESTS

- Machine Learning
- Android App Development
- Programming in Python, C, C++, Java, SQL
- Data Analysis
- Multitasking and Project Management
- Problem Solving in a Team Environment

EDUCATION

12th Board Exams (CBSE). Kendriya Vidyalaya No. 1

- 89.4% overall with 96/100 in Physics, 97/100 in Chemistry, 98/100 in Computer Science.
- First position in Physics, Chemistry, Maths + Computer Science branch in the school.

10th Board Exams (CBSE). Kendriya Vidyalaya No. 1

- 10 CGPA
- Certificate of Appreciation for exceptional performance from MHRD, Govt. of India.

ONLINE COURSES / MOOC

Algorithm Design and Analysis: Prof. Sampath Kannan, University of Pennsylvania | edX

Machine Learning: Prof. Andrew NG, Stanford University | Coursera

STUDENT LIFE & VOLUNTEERISM

DEFENCE EXHIBITION ORGANISATION, (MINISTRY OF DEFENCE) – Education Volunteer: Volunteered in [DEFEXPO](#) INDIA 2018, the tenth in the series of biennial Land, Naval and Internal Homeland Security Systems Exhibition, including 232 foreign companies from 32 countries in the show along with 15 country pavilions. Worked as a Single Point of Contact in the American Pavilion, Indian Pavilion and Live Demonstration Area in consecutive days and coordinated volunteer operations in Live Demonstration Area during visit of delegations.

KENDRIYA VIDYALAYA NO. 1 UDHAMPUR – Head Boy (School Captain): Served as the School Captain of [KV No. 1 Udhampur](#), one of the oldest school in India and the biggest school in the KVS Jammu region, consisting more than 2500 students. (2016-17)

BHARAT SCOUTS AND GUIDES – Senior Patrol Leader (Scout Captain): Served as the Senior Patrol Leader of S.C. BOSE Troop of Kendriya Vidyalaya No. 1 Udhampur, consisting ~800 members. (2015-16)

NATIONAL CADET CORPS – Platoon Commander: Served as the Commander of Platoon, 2 J&K Bn NCC Jammu, consisting 52 Cadets. (2014-15)

RELEVANT PROJECTS

Miwok Android App (Udacity course assignment): Android app using the concepts of multipage, toast, notifications, custom adapters and UI design. (2018)

Internally Funded Project (hardware + software): Working on an internally funded project for detection of forest fires early in stage using autonomous drones; loosely based on Computer Vision, IoT and Drone Technology. (2018-present)

RPG Battle: Created a RPG game script with Python programming language. Playable by one or more people and/or against the computer. The game uses concepts of Object Oriented Programing along with Color manipulation of the Terminal Screen for UI. (2017)

RESEARCH WORK

Presented research paper in 2nd International Conference in Advanced Research in Engineering Science and Management (ICARESM - 2019) and secured Best Research Paper Award for the paper titled “Bot Assisted Software Development”. The paper is being published in a good Scopus indexed Journal in near future.

SPECIAL AWARDS AND OTHER RELEVANT INFORMATION

Languages: Hindi (Bilingual), Dogri (Bilingual), Tamil (Basic), Spanish (Basic)

Awards:

Full Scholarship for Bachelor’s Degree — AICTE, Govt. of India (2017),
Certificate of Honor — Ministry of Human Resource Development, Govt. of India (2014),
RAJYA PURASKAR — Bharat Scouts & Guides (2015),
A-CERTIFICATE — National Cadet Corps (2014),
Certificate of Appreciation — Department of Science and Technology, Government of India,
Certificate of Social Work — Smile Foundation.