ANUJA NEGI
2nd year B. Tech.
Computer Science Engineering
VIT University, Chennai, India

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ACADEMIC CREDENTIALS

Year	Degree	Institute	Score
2016-Present	Bachelor of Technology	VIT University, Chennai	9.36/10
2016	Intermediate (Grade 12)	Kendriya Vidyalaya No. 1, Goa (CBSE)	95.6%
2014	Matriculation (Grade 10)	Kendriya Vidyalaya No. 1, Goa (CBSE)	10/10

Rank 7/397 in the Computer Science batch in college.

POSITIONS

- **Helix Tech (May 2018 - ongoing)**
  Software development Intern

- **Hasura (December 2017 -February 2018)**
  Product development Intern
    - Python Flask developer
    - Working on integration of the hasura and intercom platform.
    - Wrote APIs for filtering conversations and automating email.

- **Eride - NGO (June-July 2017)**
  Digital Marketing Intern
    - Worked on social and media outreach plans.
    - Worked for media recognition of the NGO.

- **Internshala (Oct 2017 -Jan 2017)**
  Student Partner
    - Expansion and modification ideas for the internship platform.
    - Helped increase student reach.

- **VITeach (College club)**
  School team member
    - Teaching maths/english to the students of the nearby government school.

- **The Grapevine Co (ongoing) -** *Member*
- **Elan nVision - IIT Hyderabad -** *Campus Ambassador*
- **Ecell - NIT Raipur -** *Campus Ambassador*

PROJECTS

- **Anton :** database management tool in Flask
  - Connect to any Postgres database and start exploring.
  - Modify schemas/tables/data.
  - Easy data migration from one database to another using JSON.

- **ADAS :** Advanced Driver Assistance System
  - A machine learning/image processing project written in python using openCV..
  - Extraction of facial features and recognition of driver sleepy status.
  - Yawning, head movement, eyes open/close detection..

- **ConnectME :** cloud based chatting application
  - Written in Android using Firebase
  - Allows user to chat and share real-time location.
  - Used AGILE development methodologies.

- **xv-6 :** improved and added functionalities in xv6
  - reorganized source files, modified video driver
  - added environment variable support in shell
  - Added commands - clear, ps, top, history, shutdown, mv, cp, pwd, etc

- **Home Automation :** control basic appliances at home
  - Written in Flask
  - Raspberry Pi as controller for appliances

- **Socket Chat :** hobby chat application using socket.io
  - Chat app served by a node.js server.
  - Communication using socket features.

- **Tic Tac Toe :** an 8051 microcontroller project
  - A simple project to learn the implementation of microcontrollers from scratch.
  - Hardware implementation from scratch.
  - Programmed the microcontroller in embedded C.
  - Used 8051, MAX7219 for the UI and SPI IC.

Contributed to autowebcompat - open source mozilla project.

SKILLS
1. **Programming languages** : C, C++, Python, Java, Assembly, MATLAB/Octave.
2. **HDL :** Verilog.
3. **Environment :** Linux, Windows.
4. **Frontend :** HTML, CSS , Javascript, jQuery (with Bootstrap).
5. **Server Side :** Node.js, PHP.
6. **Framework :** Flask.
7. **Database :** MySQL, postgreSQL.
8. Android application development
9. **Version control :** git + Github.
10. **Design :** Photoshop, Lightworks.

CERTIFICATIONS/ONLINE COURSES

1. Machine Learning (Grade - 100%) [certification](#) by Stanford University , on Coursera.
2. Operating Systems (Elite ie. top 5% [certification](#)) by NPTEL, IIT Madras.
3. Introduction to Modern Application Development (Elite ie. top 5% [certification](#)) by NPTEL, IIT Madras.
4. Android development - Udacity.

ACHIEVEMENTS/OTHERS

- Head Girl in the school student council.
- School girls science topper.
- Subject topper in Computer science(98/100) and chemistry(100/100).
- University level and regional basketball player.
- Design Head and Organising committee member at the college techfest.
- Almost a 100 extra-curricular activities certificate.
- Vocalist and guitarist. (Member of the college music club)
- Charcoal Sketcher and formal card designer.
- Good at people management and organisation.