

Umang Agrawal

B.Tech (CSE) - 2022

Optimistic, Self-motivated individual with a creative attitude to problem-solving. Hands-on experience in C/C++ programming with proficiency in Data Structures and Algorithms.

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Ghaziabad, India 📍

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github.com/skylags 🐙

EDUCATION

Bachelor in Technology, Computer Science and Engineering

ABES Engineering College, Ghaziabad

01/2018 - Present

9.6 on a scale of 10

WORK EXPERIENCE

Instructor / Technical Content Engineer PrepBytes

04/2021 - Present

Gurugram, India

Prepbytes help students in placement preparations targeting Software development/engineering.

Achievements/Tasks

- Responsible for creating videos related to coding.

Contact: Mamta Kumari, Co-founder at Prepbytes -
mamta@prepbytes.com

Research Intern

Indian Institute of Technology, Delhi

08/2020 - 12/2020

Remote

One of top premier institutes of India

Achievements/Tasks

- Optimised path look-up mechanism of Linux Kernel up to 40% and further up to 72%,
- Implemented two research papers on Optimising of metadata management in large scale file systems.

Contact: Prof Smruti Sarangi, Professor at CSE Department, IIT-D -
srsarangi@gmail.com

Technical Content Writer Intern GeeksforGeeks

01/2020 - 04/2020

Noida, India

One of the best learning platforms for programming

Achievements/Tasks

- Contributed 25+ articles related to programming, Data Structures, Algorithms, C/C++, Computer Architecture,

Contact: Sandeep Jain, Founder of GeeksForGeeks -
sandeep.jain@geeksforgeeks.org

Coding Instructor Two Waits Technologies

12/2020 - 03/2021

Remote

A digital learning platform of India

Achievements/Tasks

- Taken live classes on Competitive programming,
- Trained 25+ students on Data Structures and Algorithms in C/C++,

Contact: Achintya Gaumat, Founder of Two Waits -
achintya@twowaits.com

SKILLS

C/C++

Data Structures

Algorithms

Problem Solving

SQL

Flutter

Dart

Python

Linux/FreeBSD

Operating Systems

PERSONAL PROJECTS

Easy Eduventures Application (08/2020 - Present)

- A free learning application being developed with Flutter and Firebase.

CERTIFICATES

Director Merit Certificate

Got First position in APJ Abdul Kalam Technical University across all branches with 9.92 YGPA on a scale of 10.

Developing Soft Skills and Personality

NPTEL Certification, IIT Madras

Introduction to Programming in C

NPTEL Certification, IIT Madras

Cyber-Security Essentials

Attended training programme held by Innovative Ideas Infotech

ACHIEVEMENTS

Rated 2000+ (5 Stars) at Code-Chef, India's one of the best coding platforms

<https://www.codechef.com/users/skylags>

Rated 1600+ (Expert) at Code-Forces, world's one of the best coding platforms

<https://codeforces.com/profile/skylag>

Global rank 545 in Code-forces Round #690 out of 10000+ participants

Global Rank 566 in Code-forces Round #691 out of 10000+ participants

Got first position in my University with aggregate of 96% in session 2018-2019

LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

INTERESTS

Badminton

Cricket

Writing

Teaching