

SACHIN SINGLA

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EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY (FORMERLY DCE)
B.TECH. IN COMPUTER SCIENCE
2017 - 2021 | New Delhi, India
CGPA: 9.42

MKD PUBLIC SCHOOL
2015 - 2017 | New Delhi, India
Class XII Board Percentage: 92.2%

OP JINDAL MODERN SCHOOL
2005 - 2015 | Hisar, India
Class X CGPA: 10

PROFILES

Github:// [sachin235](#)
LinkedIn:// [sachin-singla](#)
Twitter:// [@ss_sachinsingla](#)
CodeChef:// [sachin491](#)
CodeForces:// [code_ss](#)
Website:// [SS-website](#)
Medium:// [sachindtu235](#)

COURSEWORK

- Data Structures
- Algorithm Design and Analysis
- Object Oriented Programming
- Operating System
- Database Management System
- Pattern Recognition
- Artificial Intelligence

SKILLS

PROGRAMMING

- C • C++
- Python • Java (Basic)

FAMILIAR WITH

- SQL • Firebase
- NodeJS • ReactJS
- JupyterHub • BinderHub
- GCP • Kubernetes

POSITIONS OF RESPONSIBILITY

- Google Code-In 2019 Mentor
- Microsoft Learn Student Ambassador
- Mentor at DCE Placement Fundas
- Vice President at the International Organization of Software Developers
- President at The Indian Game Theory Society

EXPERIENCE

MYNTRA | SOFTWARE ENGINEERING INTERN

May 2020 - July 2020 | Bengaluru, India

- Initiated the model training pipeline with the ML Platform team.
- Automated the code pull in a dockerized environment to JupyterHub.
- Developed **plugin** to push code from Jupyter notebook to Bitbucket.
- Added support for **Bitbucket repo provider** in BinderHub.

PLACEMENTSAGA | PRODUCT ENGINEER AND INSTRUCTOR

Nov 2019 - Feb 2020 | New Delhi, India

- Development of a **streamlined platform** for interview preparation, which is currently being used by 5k+ students to prepare for their dream jobs.
- Made two-part video explanations and editorials for all the coding problems.
- Created tutorials on Operating System and Database Management System.

CODING BLOCKS | TECHNICAL CONTENT ENGINEER INTERN

May 2019 - July 2019 | New Delhi, India

- Recorded video solutions to coding problems and explanation of algorithms.
- Created new coding challenges based on Data Structures and Algorithms for the online judge platform **HackerBlocks**.
- Conducted concept building and problem solving sessions for the students.

LANS RESEARCH LAB | RESEARCH INTERN

Dec 2018 - Feb 2019 | Delhi Technological University

- Implemented CCA(Chosen Ciphertext Attack) secure Proxy-based Scalable Revocation for Constant Ciphertext (C-PROSRCC) scheme.
- Acknowledged in the publication "Constant Size CP-ABE with Scalable Revocation for Resource-Constrained IoT Devices", 2019 IEEE Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON).

PROJECTS

QUESTION TOOL | METEORJS

Open Source Project | Berkman Klein Center at Harvard University
Worked on enhancements in the Question Tool, a Web App which is used in classrooms, workshops and talks at Harvard University.

AGROAI | PYTHON, OPENCV, KERAS, FLASK, NODEJS, REACTJS

Built the product for the welfare of the Indian farmers which provides an unbiased platform to predict quality and price of the crops.

GITJUPCOMMIT | PYTHON, JAVASCRIPT

Developed a Jupyter notebook extension which enables the users to commit and push ipython notebooks to a specified git repository.

REACT EVERNOTE CLONE | NODEJS, REACTJS, FIREBASE

Web App similar to Evernote which has functionality to create, edit and update notes. The notes are saved on the cloud Firestore.

ACHIEVEMENTS & AWARDS

Smart India Hackathon 2020 : Ranked in top 5 teams (amongst 110 teams) in internal hackathon:- Built a platform to streamline the process of medical healthcare
Google Explore ML Bootcamp : Selected in top 20 teams across country to present our project at Google Hyderabad for mentorship by the Industry experts
21 under 21 award : Awarded at the GirlScript India Summit, 2019
CodeForces : Round 678 Global Rank: 1173; Round 672 Global Rank: 400
CodeChef : COOK123B Global Rank: 13; LTIME89A Global Rank: 255