

# SACHIN DUHAN

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## EDUCATION

<b>B.Tech</b> - Mathematics & Computing	2017 - 2021	Delhi Technological University ( formerly DCE )	7.36 / 10
CBSE ( <b>Class XII</b> ) - <b>HEAD BOY</b>	2017	Titiksha Public School, Delhi	92.5 %
CBSE ( <b>Class X</b> ) - <b>TOI Student of the Year</b>	2015	Titiksha Public School, Delhi	9.8 / 10

## SKILLS & INTERESTS

**Languages & Frameworks** - C++, Python3, Typescript, Javascript (ES-6), OOPS, NodeJs, Redis, MongoDB with Mongoose Js, MYSQL\*, Angular 8, REST API, AJAX, HTML, CSS, Bootstrap, and PWA.

**DevOps** - Git, AWS, Bash Shell scripting\*, Linux, PM2, NGINX\*, CI/CD & Pipelines & Selenium (Testing & Automation).

**Data Science** ( Beginner ) - Machine Learning, numpy, scikit learn, pandas, matplotlib, Probability & Statistics.

## INTERNSHIPS & EXPERIENCE

**Bitgrit Inc. Tokyo, Japan** - *AI Consultant & SDE Intern* [ [Project Link](#) ]

May. 2020 - July 2020

Delivered solutions & detailed reports against the clients' challenges & contingencies. Developed & deployed a **POC** for AI-enabled Interview screening platform equipped with emotion recognition, sentiment analysis & resume parsing with pyresparser.

**Verint Cyber Intelligence Solutions Pvt Ltd.** - *DevOps Intern*

Dec. 2019 - Jan 2020

**DevOps Intern** writing **shell scripts** for the multilevel & multidimensional environment setup, dependency detection, installation, and added features like logging using Log4c. Stimulated text-based protocol with SIP on **Linux** & integrated Cygwin for windows.

**Ceptua Technologies Pvt Ltd.** - *Freelance Developer* [ [sahiprice.com](http://sahiprice.com) ]

May. 2019 - Feb 2020

Worked as **Freelancer** towards pixel-perfect, responsive hybrid e-commerce website, building information architecture, scalable MongoDB database, & **REST API** using NodeJs. Also, developed internal tools & dashboard for sales review & efficient management.

**CodeJudge Inc. Los Angeles, California** - *SDE Intern*

May. 2018 - July 2018

A programming internship as a problem designer, formulated test cases, wrote solutions and testing scripts using **selenium** for evaluating code submitted by a developer against a given problem. Also developed solutions using HTML, CSS & JS.

## ACADEMIC PROJECTS

**Analytical Study of Cloud Computing Model on Non-Uniform data**

Feb. 2020 - May 2020

An empirical analysis of Cloud Model on uncertain domains & Fuzzy Data to resolve the complexities of the real-life problem.

**Intern management Portal** - *USIP* [ [INTERN](#) ] [ [ADMIN DASHBOARD](#) ] [ [OFFICER](#) ]

Jan. 2019 - May 2020

Developed scalable & dynamic Full-stack App for lessening documentation, transaction monitoring, interview scheduling, recruitment, data processing, redressal, task management, and report evaluation. Currently used by DTU administration & over 7,500 students.

**Academic Council Member & Developer** - *Indian Army*

Aug. 2019 - Oct 2019

Member of the NCC Training directorate and full-stack developer of a secure & dynamic desktop application for Army officers with role-based authentication. Awarded with **All-India citation** & **Best Cadet Award** by the Director-General NCC, Indian Army.

**Wall Street Journal Game** - *Mock Stocks Application* [ [Project Link](#) ]

Dec. 2018 - Feb 2019

Developed a **Trading Game App** with real-time price variation of stock in the online-market simulation using socket.io and NodeJs. Organized a Mock-Stock competition, generated revenue of 20,000 and managed 230+ onsite participants.

## POSITION OF RESPONSIBILITY

1. **President** of Mathematics and Computing Society managed a team of 28 council members & 250+ society members.
2. **Tech Council Member** of ICRAPAM - managed tech operations, planned conference schedule and supervised logistics.
3. **NCC Camp Head** of **SNIC** - responsible for planning of routine training, logistics, administration & managing 200+ cadets.

## EXTRA-CURRICULAR ACHIEVEMENTS

1. **Three-time State Level winner** & All India winner of annual debate competition organised by ECI & Directorate of Education.
2. Selected among the Top **0.1%** CBSE students for **INSPIRE Program** for Research & Innovation in Science & Technology.
3. Winner of Aahvaan'20, UDGOSH'18, TRIQETRA'18, Aahvaan'18 & UDGOSH'17, Inter-University Football Tournaments.
4. Served as **Executive Board member & Advisor** in 10+ International and National Level **Model United Nations - MUN** in India.
5. Junior Under Officer - NCC, successfully completed **1 SNIC & 3 ATC** - training camps of NCC under Indian Army personnel.