

SACHIN DUHAN

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EDUCATION

B.Tech Mathematics & Computing	2017 - 2021	Delhi Technological University (formerly DCE)	CGPA - 7.35
CBSE (Class XII) - HEAD BOY	2017	Titiksha Public School, Delhi	CGPA - 9.4
CBSE (Class X) - TOI Student of the Year	2015	Titiksha Public School, Delhi	CGPA - 9.8

INTERNSHIPS & EXPERIENCE

Bitgrit Inc. Tokyo, Japan - Artificial Intelligence Research Intern

May. 2020 - Ongoing

Understanding the client's strategy, challenges, opportunities, the client's data & analytics capabilities and contingencies faced by the business. Blending given information, researching, developing models and presenting solutions to clients.

Verint Cyber Intelligence Solutions Pvt Ltd. - Intern

Nov. 2019 - Jan 2020

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

NCC, Indian Army - Academic Council Member & Developer

Aug. 2019 - Oct 2019

Member of the **NCC Academic Council** and developer of a secure, dynamic, fast, and extensible application for Indian Army officers with data encryption using cryptr & AES-256-GCM, paper sharing, role-based authentication, and access control.

Ceptua Technologies Pvt Ltd. - Freelancer Developer (URL - sahiprice.com)

May. 2019 - Feb 2020

Working as **Freelancer** towards the pixel-perfect responsive hybrid website, building information architecture, well-designed & scalable MongoDB database, and implemented REST API in NodeJs with best practices. Achieved an average load time of 3.59s.

CodeJudge Inc. Los Angeles, California - Intern

May. 2018 - July 2018

A programming internship as Problem setter, formulating test cases, writing solutions and scripts for evaluating code submitted by a developer against a given problem, enabling the recruiter to hire the best talent. **Awarded as the Best Intern 2018.**

ACADEMIC PROJECTS

Intern management Portal (USIP DTU)

Jan. 2019 - May 2019

Intern management app for lessening of documentation, transactions monitoring, interview scheduling, recruitment, data processing, Redressal, Task management, and Report evaluation. Currently used by DTU administration & over 7,500+ students.

Investment Predictions using DCF - Project URL

May. 2020 - May 2020

Stimulated the Discounted cash flow model to estimate the value of an investment based on its future cash flows using Python3.

WSJ - Mock Stock Game Application - Project URL

Dec. 2018 - Feb 2019

Organized a Mock Stocks competition in DTU and developed a Game App for a real-time price variation of the stock value in the pseudo online market using socket.io and NodeJS backend. Generated revenue of 20,000 with 450+ onsite participants.

SKILLS

Languages & Frameworks - C++, Python3, JS ES-6, Typescript, NodeJs, Angular 8, React JS, MySQL, MongoDB with Mongoose Js, OOPS, REST API and PWA.

DevOps & Data Science - Git, AWS, PM2, NGINX* CI/CD & Pipelines, Selenium & Machine Learning.

POSITION OF RESPONSIBILITY

1. **President** of Mathematics and Computing Society managed a team of 28 council members & 250+ society members.
2. **Core - Tech Council Member** of ICRAPAM - International conference in recent advances in pure and Mathematics 2018.
3. **NCC Camp Senior** of **SNIC - NE** and Head of Top cadets selected from 17 NCC Directorates from all over India.

EXTRA-CURRICULAR ACHIEVEMENTS

1. Winner of **Aahvaan'20**, **Aahvaan'19**, **TRIQUETRA'19**, **UDGOSH'18**, **TRIQUETRA'18**, and Runner up at **UDGOSH'17**, **Aahvaan'18** in North-India Inter-University Sports Fests & Football Tournaments.
2. **3-Time State Level** & All India winner of debating competitions - Election commission of India & Directorate of Education, Delhi
3. Served as **Executive Board member** in 10+ International and National Level **Model United Nations - MUN** in India.
4. NCC - **Senior Under Officer**, having done a **SNIC & 3 ATC** - Annual Training Camps of NCC under Indian Army personnel.