

Smit Desai

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- <https://github.com/smitdesai1010/MyProjects>
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Inquisitive and passionate software developer with customer-driven nature. Focused on working as part of team with a “never give up” attitude. Excellent communicator with ability to meet deadlines and quickly resolve issues.



Skills

- C++, Java, Python, SQL, HTML/CSS, Machine-learning.
- Strong leadership, communication, and Quick-learning skills.
- Skilled in critical thinking, logic, and high math.
- Confidence and Determination.



Accomplishments

IEEEExtreme 13.0

- Solved real-life programming questions for over 24 hours in teams of 3 using various data-structures and algorithms.
- Ranked 13th in Canada and in Top 7% globally.

Awards and Recognitions

- Gold medals on multiple occasions in Math and Science regional **Olympiads**.
- Researched and presented ways to reduce pollution using Graphene at National Physical Research Laboratory.

Student Involvement

- **Head Boy** (student's council)
Managed a team of 12 prefects, resolved various internal student conflicts and represented the school at various events.
- **Event Coordinator:** Tech Fest 2019. Organized and managed the fest in teams of 3. Raised funds and increased participation rate by personally reaching out to students.



Projects

Self-Playing Tic-Tac-Toe (Sept-2019)

- Implemented Mini-Max algorithm and optimized it with alpha-beta pruning.
- Developed a new algorithm that allows the computer to play with different difficulty levels, (observed and played numerous times against other algorithms to understand how actually they function).

Mobile Store Management System (Oct-2018)

- A Dual interface system; coded in C++.
- Administrator can alter and customers can browse through mobile catalogs stored in database.

File Encrypter (Nov-2019)

- Imports a user selected file and a seed.
- Encrypts the file with a combination of keys (generated through seed) using various binary operations.

Website Builder (May-2019)

- Users can build and design static websites; coded in C++.
- Users can choose from and alter various styling options.



Education

2019-2023

Bachelor of Computer Science

Concordia University - Montreal, Canada
GPA: **4.24 / 4.30**

2003-2019

High School Diploma

Angel Senior-Secondary School - Anand, India

- Graduated with **93.8%**
- Dean's List 2018-19



Interests

Astro and Quantum physics, Competitive Programming, Leadership & Management, Cricket, Video Games, Harmonium.