**Ivan Ganatra**

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Shri Govindram Seksariya Institute Of Technology [Codechef](https://www.codechef.com/users/ivan123) [Linkedin](https://www.linkedin.com/in/ivan-ganatra-53b503194/)

And Science, Indore [Codeforces](https://codeforces.com/profile/i.won)

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| Academic Details | |  |  |  | |  |
|  | **Year** | **Degree** | **Institute** | **Percentage/CGPA** |  |
| 2019- | BTech in Computer Science | SGSITS, Indore | **CGPA = 8.05/10** |
|  | Present | And Engineering |  |  |  | |
| 2019 | Class XII CBSE | Indore Public School Indore | **83.0%** |
| 2017 | Class X CBSE | St. Arnold School Indore | **89.3%** |
| Major Projects | |  |  |  | | |

**Maze Solving Bot** *Dec’19-Jan’20*

*Mesmerized Contest IIT Bombay*

Languages and Materials Used : C, Ardunio Libraries And Functions

The [autonomous maze solver](https://www.facebook.com/EdoSquare/posts/2921284354573061) line following bot was coded in C to first run through the maze by detecting the white stripes and memorizing the complete path. Each intersection was stored in the order of their appearance.

In the second run bot calculated the optimal path and completed the maze as quickly as possible.

**Product Recommendation System** *Feb’21–March’21*

*National CodeMeNot Hackathon*

Language and tools used : C++, Visual Studio Code

Preferences of the user are taken at every step in his/her priority order which will lead to the products that could be recommended, at the end user will receive top priority products.

Final priorites of the products are decided by assiging weights to the options selected by the user and then

Its list is sorted to recommend the best product possible. The code was designed to maximize the the **scalablity** and alter the **weights** of each selection very easily.

Computer Skills

* **Programming Languages:** C, C++
* **Development Tool:** Visual Studio Code
* **Web Designing:** Html and CSS
* **Familiar With:** Python and Java
* **Platforms:** Linux and Windows.

Position Of Responsibility

**Committee Member, SGSITS Computer Club**  *Feb’20-Till Date*

* Organized Codiction and Codiction 2.0 – a coding competition that was open for all with over 700+ participants conducted in two rounds.
* Managed the two day workshop on Robotics based on Internet Of Things(IOT).
* Served as a **Student Mentor** for the CSE Department First Year Students. Helped them get acquainted with the college studies and environment.
* Created questions for [Codiction 2.0](https://www.codechef.com/CDTN2021), which was held on Codechef Coding Platform.

**Training and Placement Coordinator SGSITS, Indore** *Sept’19-Till Date*

* Managing all the placement related activities in college.

Extra Curricular Activities And Achievements

* Currently Conducting a **Bootcamp For C**, a one month online teaching program covering all the topics and the fundamentals of the C language, in which students are also provided with Daily Questions as well as Daily Sessions are being taken for doubt clearance.
* Winner of **National CodeMeNot Hackathon 2021.**
* Global Rank **696** in Round B of Google Kickstart 2021.
* Global Rank **1615** in Round A of Google Kickstart 2021.
* Global Rank **535** in January Challenge 2021 Division 2.
* **Programming Contests**: Have developed questions and editorials for contests on codechef, hackerrank and actively participated in competiive programming on platforms such as codechef, codeforces, leetcode and hackerank.
* Secured AIR-683 and Global Rank 2692 in Google Hash Code 2021.