

# Rashil Gandhi

Computer Science and Engineering Undergraduate

## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

DUAL DEGREE IN COMPUTER  
SCIENCE AND ENGINEERING  
CGPA: 9.24/10.00  
Class of 2023 | WB, India

### PACE JUNIOR SCIENCE COLLEGE MUMBAI

HIGHER SECONDARY CERTIFICATE  
EXAMINATION (MSBSHSE)  
PERCENTAGE: 92.46%  
Class of 2018 | MH, India

### APEEJAY SCHOOL MUMBAI

SECONDARY SCHOOL CERTIFICATE  
EXAMINATION (CBSE)  
PERCENTAGE: 97.40%  
Class of 2016 | MH, India

## CONTACT

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Email: [rashil2000@iitkgp.ac.in](mailto:rashil2000@iitkgp.ac.in)

## SKILLS

### PROGRAMMING

Decent experience:  
C/C++ • Python • HTML/CSS  
Frameworks/Libraries:  
STL • NumPy • Matplotlib  
Familiar:  
Assembly • JavaScript • MySQL

### SOFTWARE

Visual Studio • SolidWorks • ANSYS  
• Unreal Engine • FL Studio

### OTHER

Solved over 130 problems on  
HackerBlocks

## COURSEWORK

### UNDERGRADUATE

Programming and Data Structures	First Year
Introduction to Operating Systems	Class 12
Microcontrollers and Microprocessor - 8086 Architecture	Class 12
Object Oriented Programming in C++	Class 11
Logic Gates and Electronic Circuits	Class 11

### OTHER

ML CODING BLOCKS   ONLINE	
Machine Learning in Python	May 2019 - Present

UNREAL ENGINE DEVELOPER UDEMY   ONLINE	
Game Development in C++ and Unreal Engine	June 2018 - Present

ALGO++ CODING BLOCKS DELHI   DL, INDIA	
Advanced Data Structures and Algorithms in C++	June 2019 - July 2019

FL STUDIO MASTER UDEMY   ONLINE	
Music Production in Fruity Loops Studio	May 2016 - June 2016

## PROJECTS

### 3D MODEL: HEAT SINK

- A scale model of a computer heat sink with real-time heat flow analysis.
- Designed in SolidWorks and simulations run in ANSYS.

### GAME: BUILDING ESCAPE

- An ongoing project of building a 3D puzzler in Unreal Engine.
- Utilizes Blueprint and object-oriented C++.

### GAME: BULLS AND COWS

- A simple console-based word game.
- Written entirely in object-oriented C++.

### MUSIC: TWO SIMPLE TRANCE TRACKS

- Pet projects, composing electronic music in FL Studio.
- Created entirely using DAW and without any real-life instruments.

## ACHIEVEMENTS

2018	Joint Entrance Examination Advanced	Common Rank 362
2017	Kishore Vaigyanik Protsahan Yojana	Fellowship Awardee
2016	National Talent Search Examination	Scholarship Awardee
2015	Homi Bhabha Balvaidnyanik Competition	Silver Medallist