

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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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