

# Rashil Gandhi

Computer Science and Engineering Undergraduate

## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

DUAL DEGREE IN COMPUTER SCIENCE AND ENGINEERING  
CGPA: 8.54/10.00

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++ • JavaScript • HTML/CSS

• Python

**Frameworks/Libraries:**

React - Redux/Thunk/Context/Hooks

• SASS/SCSS/Bootstrap • React Native •

STL • Matplotlib • NumPy

**Familiar:**

Assembly • MySQL • Android

### SOFTWARE

Visual Studio • SketchUp • FL Studio

• Unreal Engine • Premiere Pro •

Photoshop

### OTHER

Solved over 130 problems on

HackerBlocks

## COURSEWORK

### UNDERGRADUATE

Software Engineering

Switching Circuits and Logic Design

Formal Language and Automata Theory

Algorithms-I

Programming and Data Structures - C/C++

Introduction to Operating Systems

Microcontrollers and Microprocessor - 8086 Architecture

Second Year

Second Year

Second Year

Second Year

First Year

High School

High School

### 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

## PROJECTS

### FRONTEND: BLOGGER

• A barebones blogging website made using React and Materialize.

• Utilizes Redux and Thunk to communicate with Firebase API for backend.

### FRONTEND: WEBPAGES

Some ongoing projects, mostly template-inspired, mostly for college societies.

• TFPS • TSA • CodeClub • D-Syfer • LIDRE

### GAME: BUILDING ESCAPE

• An ongoing project of building a 3D puzzler in Unreal Engine.

• Utilizes Blueprint and object-oriented C++.

### MUSIC: INFINITIO AND CEASELESS

• Pet projects, composing electronic music in FL Studio.

• Created entirely using DAW and without any real-life instruments.

## POSITIONS

### IIT TECHNOLOGY AMBIT

Frontend developer, overseeing the website for a pan-IIT technology and research review magazine.

### KHARAGPUR WINTER OF CODE - 2019

Mentored a simple javascript-based project for open-source beginners.

### TECHNOLOGY FILMMAKING AND PHOTOGRAPHY, IIT KHARAGPUR

Sound and Video Designer at the college filmmaking society.

### THE SCHOLARS' AVENUE

Reporter and Writer at the college student media body.

## 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