

Aniket Agarwalla

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EDUCATION

NIT SILCHAR

BTECH IN COMPUTER SCIENCE

Expected 2021 | Silchar, India

CGPA : 8.11

SGPA : 9.05

HKV, GUWAHATI

12th Grad| Guwahati, India

PERCENTAGE : 86.5

DON BOSCO HIGH SCHOOL

10th Grad| Golagath, India

PERCENTAGE : 90

LINKS

LinkedIn:// [Aniket Agarwalla](#)

CodeForces:// [ani37](#)

CodeChef:// [ani37](#)

HackerRank:// [ani37](#)

HackerEarth:// [ani37](#)

LeetCode:// [ani37](#)

Github:// [ani37](#)

Portfolio:// [ani37](#)

COURSEWORK

UNDERGRADUATE

Design and Analysis of Algorithms

Data structures

Database Management Systems

Operating System

Object Oriented Programming

Discrete maths

SKILLS

PROGRAMMING

Experienced:

- C/C++

Familiar:

- Python
- Java
- MySQL
- Android
- Firebase
- Flask
- Git
- HTML
- Javascript

EXPERIENCE

CGAL | GOOGLE SUMMER OF CODE

May 2021

- Moving Least Squares for point set smoothing and differential properties estimation

HACKEREARTH, BENGALURU

March 2020 - May 2020

- Curated **40+** problems for the company's three major monthly contests
- Gained Experience in **Problem Solving, Testing and Communication skills**

DARE2COMPETE | PROBLEM CURATOR

PROJECTS

ENCRYPT-DECRYPT | JAVA , ANDROID, MATHS, FIREBASE

Mentor : Dr Dolendro Singh, Associate Professor, Dept. of CSE, NITS

- An Android App on Encryption and decryption on **elliptical curves**, to Encrypt and Decrypt texts and numbers ([Link to project](#))
- Optimised the Algorithm that increases code efficiency by **10%**.
- Algorithm is highly secure and further works is on **medical image encryption**

INHEAL | ANDROID, ARTIFICIAL INTELLIGENCE, FIREBASE, ML

- Inheal is a healthcare solution which seeks to reduce patients waiting time. Here, clients are the hospitals, health insurance companies and the users are the patients and doctors. It also makes the communication between doctors and patients much easier. ([Link to project](#))

DYNAMIC GRADING SYSTEM | JAVA , APACHE POI

- A Student Subjects Grading System for displaying Final Grade Points is made using Java and ApachePOI (a Java API for reading and writing Microsoft Documents in both formats .xls and .xlsx) ([Link to project](#))

ACHIEVEMENTS

ACM INTERCOLLEGIATE PROGRAMMING CONTEST 2019-20

- Secured **30th RANK** among **96** teams in **Asia-Kharagpur** regionals
- Secured **16th RANK** among **128** teams in **Asia-Gwalior-Pune** regionals

TOPCODER TCO20 SOUTHERN ASIA REGIONAL EVENT 2020

- Among top finalist in Stage 2 of the TCO20 Tournament.

GOOGLE CODE JAM 2020

- Finished top **1500** global in the **1st** round
- Finished Top **150** Country rank in the **2nd** round

POSITION OF RESPONSIBILITY

MODERATOR AT CODING CLUB NITS April 2018 | Present

- Teaching, Contest Setter and Tester

GYANSAGAR, NITS Jan 2018 | Present

- A **Social Service** wing of NIT Silchar