

Animesh Fatehpuria

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EDUCATION

GEORGIA TECH

BS in Computer Science
August 2016 - May 2020 | Atlanta, USA
Cumulative GPA : 4.0/4.0

LA MARTINIERE FOR BOYS

High School | Kolkata, India
ISC Grade 12 - 94%
ICSE Grade 10 - 97.2%

COURSEWORK

FALL 2016 - SPRING 2017

Honors Discrete Mathematics
Data Structures and Algorithms
Object-Oriented Programming
Single Variable Calculus

SKILLS

PROGRAMMING

100000 lines:

Java • C/C++

5000 lines:

Python

Familiar:

LaTeX

RATING

CODEFORCES

Rated 2211 - Master
7th in India (All Ages)
1st in Georgia Tech

TOPCODER

Rated 1505 - Gold Division
1st in Georgia Tech

USACO

Platinum Division

LINKS

Personal Website://[animeshf](http://animeshf.com)

LinkedIn: // [animeshf](#)

Github:// [animeshf](#)

Devpost: // [animeshf](#)

Codeforces:// [animesh_f](#)

Topcoder:// [animesh_f](#)

HackerRank:// [animesh_f](#)

CodeChef:// [animesh_f](#)

Spoj:// [animesh_f](#)

EXPERIENCE

CODECHEF | PROBLEM SETTER AND TESTER

May 2016 - January 2017 | Kolkata, India

- Designed algorithmic challenges for various online programming contests on Codechef, including **Codechef Lunchtime** and **ACM ICPC India Finals**.
- Wrote detailed tutorials on several complex algorithmic problems.

SMSDOC | PREVENTING EPIDEMICS

September 2016 | PennApps XIV Hackathon, Philadelphia, USA

- SMSDoc** is an SMS-based healthcare information service leveraging the fact that cell phones are extremely prevalent worldwide but internet is not.
- Received **Honorable Mention** and **2nd prize** for best use of Nexmo API

TUTORIAL DESIGN AND WRITING | ALGORITHMS

January 2016 - Present

- Wrote a tutorial titled **Mo's Algorithm for Path Queries on Trees**, describing a technique I'd formulated while solving a graph theory problem online.
- Received over 400 upvotes and entered the **Top 75** all time contributors list.

FILMGREP | FINDING QUOTES IN VIDEOS

June 2016 - July 2016

- Filmgrep** takes in an input quote string and searches through a given video for instances of that input string and returns a montage of all the video snippets that match the quote. Used Python and libraries such as nltk and movie.py.

COMPETITIVE PROGRAMMING

ACM INTERCOLLEGIATE PROGRAMMING CONTEST

November 2016 | Atlanta, USA

- Ranked **6th** in the ACM-ICPC USA South East Regionals Programming Contest.

BLOOMBERG CODECON WORLD FINALS

January 2017 | New York City, USA

- Ranked **2nd** out of **146** contestants in the World Finals of Bloomberg CodeCon 2017. The contest featured finalists from over 70 universities in North America and Europe.

INTERNATIONAL OLYMPIAD IN INFORMATICS

2015 - 2016 | Bangalore, India

- Out of thousands who students who participate in the regional and national rounds of the Olympiad, 25 qualify for the **IOI Training Camp**.
- Qualified for the IOI Training Camp in 2015 and 2016 and was ranked among the Top 10 in the camp.

INTERNATIONAL SCHOOLS' SOFTWARE COMPETITION

July 2015 | Colombo, Sri Lanka

- Ranked **1/1100** in the Computer Society of India Programming Contest.
- Represented India at the International Schools' Software Competition 2015 and was ranked 4th at the World Finals.

ONLINE PROGRAMMING CONTESTS - ALL AGES

May 2016 - Present

- Ranked **50/14000** worldwide in the Codechef Snackdown Programming Contest in July 2016. Qualified for World finals in Mumbai, India.