

Animesh Fatehpuria

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EDUCATION

GEORGIA TECH

BS in Computer Science
August 2016 - May 2020
CS+Math GPA : 4.0/4.0
Cumulative GPA : 3.94/4.0

LA MARTINIERE FOR BOYS

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

COURSEWORK

FALL 2016 - SPRING 2018

Intro to Number Theory
Objects and Design
Applied Combinatorics
Linear Algebra II
Honors Discrete Math
Honors Linear Algebra I
Data Structures and Algorithms
Object-Oriented Programming
Design and Analysis of Algorithms
Intro to Artificial Intelligence
Computer Organiz & Program

TEACHING

FALL 2017

Head TA - Honors Discrete Math

SKILLS

PROGRAMMING

100000+ lines:
Java • C++
5000+ lines:
Python
Familiar:
LaTeX • Javascript • SQL

LINKS

Personal Website://[animeshf](http://animeshf.com)
LinkedIn:// [animeshf](#)
Github:// [animeshf](#)
DevPost:// [animeshf](#)
Codeforces:// [rekt_n00b](#)
TopCoder:// [animesh_f](#)
HackerRank:// [rekt_n00b](#)
CodeChef:// [animesh_f](#)
SPOJ:// [animesh_f](#)

EXPERIENCE

QUORA | SOFTWARE ENGINEERING INTERN

May 2017 - Aug 2017 | Mountain View, USA

- Optimized Ask Bar by reducing load on Elasticsearch backend by 45% on mobile and 28% on web.
- Created a VIP Query abstraction using MySQL to augment the results of Elasticsearch queries and surface more relevant results in search.
- Created an efficient and scalable abstraction to support partial updating for Elasticsearch documents.

CODECHEF | PROBLEM SETTER AND TESTER

May 2016 - Present | 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.

GEORGIA TECH PROGRAMMING TEAM | PRESIDENT

August 2017 - Present | Atlanta, USA

- Hosted weekly training sessions to prepare for ACM-ICPC.
- Taught Theoretical Computer Science topics including Dynamic Programming, Graph Theory, Combinatorial Optimization and Advanced Data Structures.

HONORS AND AWARDS

ACM INTERNATIONAL COLLEGIATE PROGRAMMING CONTEST

November 2017 | Atlanta, USA

- Ranked **2nd** in the ACM-ICPC South East Regionals Programming Contest.

BLOOMBERG CODECON WORLD FINALS

January 2017 - January 2018 | New York City, USA

- Ranked **2nd** in the **World Finals** of Bloomberg CodeCon in 2018 and 2017. The contest featured over **170** finalists chosen from **54** universities in North America, Europe, and the Middle East.

SMSDOC

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** overall and **2nd prize** for best use of Nexmo API.

IEEEEXTREME 11.0

October 2017 | Atlanta, USA

- Ranked **3rd** out of **3358** teams from 70 countries worldwide in the Xtreme 11.0 Programming Competition organized by IEEE.

INTERNATIONAL OLYMPIAD IN INFORMATICS

2015 - 2016 | Bangalore, India

- Qualified for the **IOI Training Camp** in 2015 and 2016 and was ranked among the Top 10 in India. Represented India at the Asia Pacific Informatics Olympiad.

GOOGLE CODE JAM & HACKERRANK

May 2017 - Present

- Ranked **298/64000** worldwide and **4/6228** in India in **Google Code Jam 2017**.
- **99.5** percentile on HackerRank.