Chandramowli J

jchandramowli@gmail.com   +91-9445640398   GitHub   Certificates

Education

April 2019	B.Tech (Information Technology)	S.S.N College	— 8.3/10
April 2015	Class XII (CBSE)	D.A.V Boys - Chennai	— 95.60%
April 2013	Class X (CBSE)	The Hindu Senior Secondary - Chennai	— 10/10

Achievements

- Placed 3rd in India(top 0.3%) and 102nd in World(top 3%) in IEEExtreme 11.0.
- Runner Up(top 2%) in the ACM ICPC Provincial Contest 2017 conducted by KCG College of Technology.
- Placed 8th in the Shaastra Programming Contest - 2017 conducted by IIT Madras.
- Winner(top 1%) of the Programming Contest conducted by Anna University, Chennai.
- Qualified(top 15%) for the CodeChef SnackDown Elimination Round 2017.
- Secured an appreciation letter from HRD Minister for my performance in AISSCE - 2015(top 1%).
- Runner Up in the IEEE Student Branch Website Development Competition in the Madras Section.
- Active participant with handle **chamow** in Online Programming Competitions and have solved over 500 problems.

Internship

PLANezy   Jun '17 - Aug '17

Backend Development

Worked with Laravel Framework(PHP) and with MySQL to redesign User and Vendor Dashboard. Implemented Like and Bookmark functionality for the images. Created ER Diagram for their Database and revamped their website by adding new relations and removing unncessary ones.

Projects

Algorithms and Data Structures Library   Nov '16 - Present
- Implementation of basic and advanced Algorithms and Data Structures in C++ such as Segment Trees, Shortest Path Algorithms, Trie, Knapsack variants etc.

SSN Code Busters   June '17 - Present
- An online Programming Judge like HackerEarth for my college developed using Django(Python) which is funded by my college.

Snappy   Feb '17 - April '17
- A web app which gets all the images tagged with the given tag from Twitter and Tumblr and displays it as a Gallery filtering out NSFW images.

Technical Skills

Programming Languages: C, C++, Python(basic), JavaScript(basic).
Tools/Frameworks: Bootstrap, Django, Git, SQL, Laravel(basic).
Interests: Algorithms, Data Structures, Competitive Programming.

Relevant Courses

University Courses

Computer Architecture	Database Management System	Design and Analysis of Algorithms
Operating System	Programming and Data Structures	Software Engineering

Online Courses

Coursera: Algorithm Design and Analysis(Stanford University)   NPTEL: Algorithms(IIT Kanpur)

Positions of Responsibility

- One of the Competitive Coding Mentors of Coding Club of my Department. Have conducted 10 classes on Math Theory, Shortest Path, Dynamic Programming, Segment Trees etc.
- Web Architect of IEEE Student Branch of my College.