



# Aman Kimothi

## Avid Programmer

A passionate and dedicated graduate with a knack for programming. My main field of interest lies in Data Structures and Algorithms. My aim is to utilize my problem solving skills to tackle the professional challenges. I believe that through sheer hardwork and talent, one can achieve anything.

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🐙 github.com/Aman-Kimothi

## EDUCATION

### B. Tech - Information Technology

SRM University, Chennai

07/2014 – Present

CGPA - 9.626

### Class 12th

St. Joseph's Academy, Dehradun

2014

95 %

### Class 10th

Hilton's School, Dehradun

2012

93.6 %

## INTERSHIPS

### Back End Developer

Morgentec

12/2016 – 01/2017

New Delhi

Developed RESTful APIs of a security management system. Java, SQL and Jersey Framework were used for development.

### Application Developer

Oil and Natural Gas Corporation (ONGC)

12/2015 – 01/2016

Dehradun

Developed a standalone application for banking management services using Java Swing, SQL and Java Database Connectivity (JDBC).

## EXTRA & CO-CURRICULAR ACTIVITIES

Team SRMSAT - Satellite Club

11/2015 - Present

Team Robocon - Robotics Club

04/2015 - 10/2015

Technical Head of Team Gen-Y - Multidisciplinary Club

05/2015 - 08/2016

Mizaran - Socio Business Venture

05/2015 - 03/2016

CodeChef - Competitive Programming

06/2016 - Present

## SKILLS

Java

C++

C

Arduino C

SQL

HTML

CSS

JSP

Android

## PROJECTS

### HEALTH MONITORING SYSTEM ( MINOR PROJECT )

- A wearable health monitoring device used to observe the pulse rate, humidity and body temperature.
- Proper hardware including micro-controller and sensors were used along with a supervised machine learning algorithm called Decision Tree for prediction analysis of the emergency situations.
- Arduino C and Java were used.

### BLOOD BANK MANAGEMENT SYSTEM

- Developed a blood bank repository where donors and recipients information is stored, processed, retrieved and analyzed for emergency cases.

### CROSS WORD PUZZLE GAME

- Developed a cross word puzzle implementing TRIE data structure on Android.

## CERTIFICATES

CodeChef Certified Data Structures and Algorithms Programme ( CCDSAP - Perfect score of 750)

Six week course on 'Applied CS with Android' by Google.

## ACHIEVEMENTS

Runner up in 'Code Mortem'

National Level Tech. Fest, SRM University.

Merit Scholarship in College

Ranked 4th in the department.

Rank holder in Semicolon

10th Rank in Chennai Level Coding Event.

Badminton Tournament

Successfully organized a badminton tournament which saw a participation of over 200 people.

## CODECHEF RANKINGS

Country Rank : 2021

Global Rank : 3384

Nov' Lunchtime : 161

Nov' Cook-Off : 297