

Arun sudharsan M

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OBJECTIVE

To work in a position that requires knowledge of Algorithms and Data Structures and provides me scope to enhance my knowledge in Algorithms and Data Structures for solving complex real-world problems.

EDUCATION

- Currently pursuing B.E (Computer Science and Engineering) in Easwari Engineering College with **7.52 CGPA** (upto 6th Semester)
- Completed HSC from Sitadevi garodia Higher Secondary School in 2015 with **95.6%**
- Completed SSLC from Christ The King Matriculation School in 2013 with **96%**

TECHNICAL SKILLS

- C++
- Java
- Android Development
- Linux
- Git

AREA OF INTEREST

- Algorithms and Data Structure
- Android Development

MINI PROJECTS

- **Elections 2018** (July 2018)
 - ★ An android application for the election process for the computer science department.
 - ★ Students can cast their vote by entering their register numbers and choosing their leaders.
 - ★ Built using Android Studio and languages used are Java and XML.
 - ★ Source Code: <https://github.com/Arunm619/Elections2018>

➤ Kratos Symposium Management 2018

(Jan 2018)

- ★ A symposium management application that provides users with controls in various people management activities with “on spot registration”.
- ★ Uses firebase for storing details of students and uses ZXing library for QR code
- ★ Built using Android Studio and languages used are Java and XML.
- ★ Source Code: <https://github.com/Arunm619/Kratos2K18>

➤ Sudoku Solver

(Sept 2018)

- ★ A Brute Force Sudoku Solver written in C++.
- ★ Uses Backtracking to find out the unassigned positions with appropriate values.
- ★ Built using C++14
- ★ Source Code: <https://github.com/Arunm619/SudokuSolver>

➤ Blood Bank

(Feb 2018)

- ★ An android app to get all the blood donors details and querying efficiently based on location.
- ★ Newsfeed with the latest updates about blood donation camps near you.
- ★ Built using Android Studio and languages used are Java and XML.
- ★ Source Code: <https://github.com/Arunm619/BloodBank>

➤ Lecture Notes

(July 2017)

- ★ An android application that gives all the study materials required for an engineering student
- ★ Students can download notes for any subject or view them directly.
- ★ Staff can upload notes and send a notification to students about them.
- ★ Built using Android Studio and languages used are Java and XML.
- ★ Source Code: <https://github.com/Arunm619/EECNotesforyou>
- ★ Playstore Link: <https://goo.gl/bh5HPA> (500+ downloads)

CO-CURRICULAR ACHIEVEMENTS

Won prizes in onsite programming (and debugging) contests organized by the following colleges:

- **ACM ICPC Chennai Provincial Contest, 6Th place** out of 100 Teams (Sept, 2018)
(Ternary Operators - Honorable Mention)
- **Meenakshi Sundararajan Engineering College, 2nd prize**(Code Hunt, Sept 2018)
- **New Prince Shri Bhavani Engineering College, 1st prize** (Code Buster, Sept 2018)
- **St. Joseph Institute of Technology, 3rd prize** (Cybertrix, Sep 2017)
- **Sri Venkateswara College of Engineering, 2nd prize** (First Strike, Sept 2017)
- **St. Joseph Engineering College, 3rd prize** (Crypatrix, Sep 2016)

PERSONAL DETAILS

Date of Birth - 09/03/1998
Nationality - Indian
Languages Known - Tamil , English
Address - #2/378-A, Bharathiyar Street,
Santhoshapuram,
Chennai-600073
Hobby - Competitive Programming and Console gaming.