

# SIVARANJANI RAMACHANDRAN

Computer Science Engineer

## PERSONAL DETAILS

Born : 11<sup>th</sup> September, 1995, Indian  
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## EDUCATION

- **Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Coimbatore** 2013 – 2017  
Bachelor of Technology, Computer Science and Engineering  
Current CGPA: 7.77
  - **Sri Sankara Senior Secondary School (CBSE), Chennai** 2013  
Class 12  
Overall Percentage : 93 %
  - **Sri Sankara Senior Secondary School (CBSE), Chennai** 2011  
Class 10  
CGPA : 9.80 / 10
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## AREAS OF INTEREST

- Object Oriented Programming
  - Data Structures and Algorithms
  - Graphic Design
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## ACADEMIC PROJECTS

- **Detection of Heart Disease Using Neural Networks Optimised by ARR** On-going  
-Project in the domain of Machine Learning.  
-Goal is to optimize detection of heart disease in a patient using a combination of Artificial Neural Networks and Association Rule Mining.
  - **E-HealthCare Portal** April 2016  
-Web Application. An online healthcare chat forum built using HTML, CSS, JS and IBM Bluemix tools(Node-Red).  
-Incorporated concepts of Software Engineering
  - **My SQL** December 2015  
- Java applet simulation of IMDb (Internet Movie Database)
  - **Python** April 2015  
- Visual simulation of the game “Tower of Hanoi”  
- Incorporating concepts of data structures, and graphics using turtle
  - **C** April 2014  
- Simulation of Gate Pass Management System, used at our institute  
- Keeps track of people entering and leaving the campus
  - **C++** January 2013  
- Simulation of movie ticket booking software  
- Incorporating concepts of file management, OOPS, and graphics
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## SKILL SET

- C
- C++
- Python
- Java
- MySQL, PL/SQL
- Adobe Photoshop, Indesign, Illustrator

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## ACADEMIC ACTIVITIES

- **Shortlisted for the finals of Wintathon** November 2016(on-going)  
- Wintathon, a hackathon organised by Venturesity with LinkedIn.
- **Hackathon** April 2016  
- Won cash prize in Hackathon organised by ACM-W and Guvi
- **Data analytics course** September 2015  
- Certified course offered by NPTEL and IIT-Madras
- **UMoldIT Solutions Pvt. Ltd.** June-July 2015  
**Summer Internship, Web Development**  
- Exposed to technologies like HTML/CSS, PHP, XML, Javascript.  
- Learnt to incorporate Software Engineering principles in real-life applications.  
- Learnt the process of creating and deploying web application starting from the client interface, to the backend databases.

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## EXTRA-CURRICULAR ACTIVITIES

- **Head, Web and Multimedia Committee** 2016-2017  
- Anokha, National Level Technical Festival of Amrita Vishwa Vidyapeetham
- **Co-Head, Web and Multimedia Committee** 2016  
- Anokha, National Level Technical Festival of Amrita Vishwa Vidyapeetham
- **Editor, Design Desk, Amritadhwani** 2016  
- Annual magazine of Amrita Vidhyapeetham
- **Team member, Multimedia, PR, and Planning and Resources committees** 2015  
- Anokha
- **Team member, Design Desk, Amritadhwani** 2015  
- Annual magazine of Amrita Vidhyapeetham