

RESUME

PERSONAL DETAILS

Name Amritha Haridasan
Date of Birth 18 January 1998
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EDUCATION

Indian Institute of Information Technology Kottayam *August 2016 - Present*
Undergraduate Overall GPA: 9.53/10
Department of Computer Science and Engineering

Kendriya Vidyalaya Kanjikode *April 2014 - March 2016*
Higher Secondary (CBSE) Percentage: 96

Kendriya Vidyalaya Kanjikode *2014*
SSC (CBSE) Overall GPA: 10/10

TECHNICAL STRENGTHS

Computer Languages C, C++, C#, Python, Java, MySQL, ASP.NET, HTML, CSS, JavaScript, PHP

Software & Tools Spyder, Jupyter, WireShark, Arduino, Eclipse, Visual Studio, MongoDB, Spring Boot, Microsoft Azure tools

INTERNSHIPS

SpiceJet Ltd June 2018 - July 2018
Tech Intern

- Backend development for 'Flight LogBook Details' developed in Java with MongoDB as the database system.
- Devised an algorithm for itinerary matching for the 'Lost and Found' project.

Indian Academy of Sciences Summer Research Fellowship May 2019 - July 2019
Summer Research Fellow

- IAS Summer Research Fellowship at Central Mechanical Engineering Research Institute, Durgapur
- Detection and Classification of Neurodegenerative Diseases from 3D Brain MRI using Machine Learning Techniques

PUBLICATIONS

S. Aruchamy, A. Haridasan, A. Verma, P. Bhattacharjee, S. N. Nandy and S. Ram Krishna Vadali, "Alzheimers Disease Detection using Machine Learning Techniques in 3D MR Images," *In 2020 IEEE National Conference on Emerging Trends on Sustainable Technology and Engineering Applications (NCETSTEA)*, Durgapur, India, 2020, pp. 1-4, doi: 10.1109/NCETSTEA48365.2020.9119923.

PROJECTS

Detection and Classification of Diseases and Pests in Rice Crops (using Machine Learning and Image Processing Techniques) - Received the Microsoft AI for Earth grant for the same

An Efficient Lightweight Cryptography Algorithm to Ensure Data Confidentiality in IoT Devices

Lexical Analyzer using Lex and Yacc

Simple Bus Ticket Reservation System developed in C++

Online Toy Shopping System using ASP.NET and C#

Simple Library Management System developed in C++

OOAD Project on Air Traffic Control System

DBMS Project to design a Hotel Database Management System

TRAINING

Machine Learning

Udemy Online Training (Online)

Jul 2018 - Dec 2018

Programming In C# And Web Application Development Using ASP.NET

NIIT (Palakkad)

Jun 2017 - Jul 2017

HTML5, CSS3 And JavaScript

NIIT (Palakkad)

Nov 2016 - Jan 2017

Programming In C++

NIIT (Palakkad)

May 2014 - Jun 2014

POSITIONS OF RESPONSIBILITY

ICITIIT-20

Student Volunteer

February 2020

- Helped organize an international IEEE conference and also compered the inauguration ceremony.

ACM

Student Secretary - ACM Student's Branch IIITK

Aug 2018 - April 2019

- Was in charge of coordinating the activities of the student's branch along with organizing new events. Successfully organized the inauguration ceremony of ACM's Student Branch in IIITK, 'Design Thinking' workshop and hackathons.

IEEE

Student Secretary - IEEE Student's Branch IIITK

Nov 2017 - April 2019

- Was in charge of maintaining effective records and administration, ensuring meetings are effectively organized and minuted.

Cultural Club

Member

Aug 2016 - Aug 2018

IIIT Kottayam

- Successfully organized and co-hosted various cultural programs such as IIIT Kottayam's inauguration, first convocation and other events.

SCHOLARSHIPS AND ACHIEVEMENTS

Received the Microsoft AI for Earth grant for the project 'Detection and Classification of Diseases and Pests in Rice Crops' (Granted with credits for Azure Credit up to \$15,000 USD)

School Topper in Mathematics and Computer Science in AISSCE 2016

Selected for the final round of selections for the Adobe Women in Tech Scholarship

Secured Scholarship from CBSE for being in top 1 percentile in AISSCE - 2016

Secured Scholarship from CBSE for being in top 1 percentile in AISSE - 2014

EXTRA-CURRICULAR

Co-hosted the Official Inauguration Ceremony of IIIT Kottayam

Secured third position in KVS Science Exhibition at the National level

Trained in Carnatic music for 13 Years and was awarded with prizes for participating in various competitions

Trained in Classical Dance for 9 Years and performed on stage on various occasions

Trained in Carnatic Music on Violin for 6 Years and performed on stage on various occasions

REFERENCES

Dr. Ebin Deni Raj
Assistant Professor (Adhoc)
IIIT Kottayam
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ebindeniraj@iiitkottayam.ac.in

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge. I do hereby declare that above particulars of information and facts stated are true, correct and complete to the best of my knowledge and belief.

Place: Kottayam

Date: 28—06—2020