D329
Radhakrishnan Hall of Residence
IIT Kharagpur
☎ +918768738271
✉ siddumsp@gmail.com

Siddharrth Priyadharsan M

B.Tech in Computer Science and Engineering

Education

Program	Institution	%/CGPA	Year
B.Tech (Hons)	Indian Institute of Technology Kharagpur	8.48	2017
XII (CBSE)	Jawahar Higher Secondary School, Neyveli	96.8%	2014
X (CBSE)	Jawahar Higher Secondary School, Neyveli	10.00	2012

Internships

May'17- July'17
Software Engineering Intern at Microsoft India Development Center.
- Developed an Intelligent Sales Assistant for Microsoft Dynamics CRM, using Microsoft Teams as the channel, to assist the sales person in the activities associated with the Sales life cycle
- Lead creation and management through textual means and customer's visiting/business card
- Sentimental analysis of Twitter tweets related to the customer's company, for Lead scoring prediction
- Auto-population module for Lead creation phase
- **Pre-Placement Offer** from Microsoft India Development Center

Academic Projects

Jun'17- present
Interactive learning Android application for Dyslexic children.
- This App aims to help Dyslexic children overcome the difficulties faced, while reading and writing English words and associated sentences
- Natural Language Generation and Handwriting Recognition implementation
- Developing under the supervision of Prof. Anupam Basu and Prof. Pabitra Mitra, IIT Kharagpur

Sept'17- Oct'17
Soccer player tracking.
- An application to track soccer players in soccer broadcast videos
- Developed under the supervision of Prof. Partha Pratim Das, IIT Kharagpur

Jan'17- Apr'17
IoT application involving eye tracking using laptop web camera.
- This web application helps us to open bookmarked tabs in the web browser by tracking our eye movement using the laptop's web-camera
- Developed under the supervision of Prof. Anupam Basu, IIT Kharagpur
- Tested successfully in Google Chrome

Mar'17- Apr'17
Khao-KGP.
- Online restaurant aggregator and food ordering system
- Used Django framework
- I worked on writing scripts for back-end for the required functionalities

Jan'17
Custom Linux shell.
- Linux command interpreter (Shell) developed in C language
- Tested successfully in Ubuntu and Arch Linux

Mar'16- Apr'16
Newspaper Automation Agency Software.
- A Java based software that manages the accounts and activities of the customers and delivery people of the Newspaper Agency
- Developed under the supervision of Prof. Partha Pratim Das, IIT Kharagpur

NOTE : The codes of the above projects and other works of mine, can be viewed in my GitHub profile (https://github.com/siddumsp1997)
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Technical skills

Programming	C, C++, Java, Scala, SQL
Software	Apache Spark, Mininet, Eclipse, Visual Studio, Unity, Solidworks
Hardware	Verilog, MIPS

Key courses

Computer Science	Data Structures and Algorithms, Operating Systems, Networks, Database Management Systems, Machine Learning, Artificial Intelligence, Image Processing, Educational Data Analytics, Discrete Mathematics, Software Engineering, Intelligent Game Design
Mathematics	Numerical Analysis, Complex Analysis, Probability and Statistics, Differential Equations, Linear Algebra, Matrix Algebra

Position of Responsibility

Aug'14-July'15 **Corporate and Public Relations Member, TeamKART IIT Kharagpur.**
- Part of Public and Corporate Relations team of Kharagpur Automobile Racing Team
- Team Management, Event Management, Publicity, Sponsorship, Content-writing

Academic achievements

2014 All India Rank 1139, JEE-Advanced among *121,000* overall participants for entrance to the IITs

2014 All India Rank 1031 , among 1.4 million aspirants in JEE-Mains

2014 Stood among top 1% of the region (Tamil Nadu) in National Standard Examination in Chemistry (NSEC) and appeared in Indian National Chemistry Olympiad

2014 Awarded certificate of merit for securing top 1% percentile score in Mathematics,AISSE conducted by CBSE

Extra-curricular activities

- Inter Hall Table Tennis player (won Gold medal in Table Tennis General Championship 2015, IIT-Kharagpur)
- Prominent member of Quiz club, Jawahar Higher Secondary School
- Completed a 2 year course in Table Tennis under National Sports Organization at IIT Kharagpur
- Directed a short film titled "Joker", which bagged consolation prize in the regional short film festival competition conducted by Dinamani and NLC India Limited, in 2015