Udayan Baidya
Kunjaban Colony Main Road,
Agartala (T.R., INDIA) - 799005
Email-id : **udayanbaidya@gmail.com**   Website: **https://www.udayanbaidya.me**
Mobile No.: **9774756422**   GitHub: **https://github.com/udaycoder**

ACADEMIC DETAILS

Examination	Institute	Year	CPI/%
B.Tech, CSE	NIT Agartala	2016(5th sem)	9.07
12th (CISCE)	Holy Cross School	2014	95
10th(CISCE)	Holy Cross School	2012	93.6

SUMMARY

- I am interested in wor0king in the field of Data Structures and Algorithms and want to use them to develop efficient softwares. I am a Team Player and a Problem Solver.

PROJECTS / INTERNSHIPS

- **Reliance Industries Limited** - Winter Internship
  (Date:Dec 2016 - Jan 2017)
    - Created an analytics web portal using R programming language to deliver various important tools for analysis of business asset data .

- **National Informatics Center** - Summer Training
  (Date:May 2016 - June 2016)
    - Created a portal where the administrator can allocate students to different sections and view,change the allotment details as needed. Also created a user manual for Tripura Tourism hotel accommodation portal.
    Github link - https://github.com/udaycoder/NIC-project

- **Personal Website**
  (Date:October 2016)
    - Created a personal portfolio website from scratch.Technologies used were bootstrap,jquery.
    Github link- https://github.com/udaycoder/personalWebsite

- **Micro Mouse Application**
  (Date:February 2017)
    - An app made using C# and XAML. It shows how basic path finding works where a mouse searches for a cheese piece in shortest time using the quickest path.The randomize obstacle button produces random maze where there are no cycles present produced by a modified cycle detection algorithm.
    Github link- https://github.com/udaycoder/MicroMouse

- **Remotely Operated Research Vessel,**
  (Guide: Mr.Suman Deb,Assistant Prof,CSE Dept.,NIT Agartala;Date:Dec 2015 - May 2016)
    - Created an remotely operated boat which serves as a platform to be used with various sensors to get various data from water bodies as per requirement . Controller used is arduino leonardo for this project.
    Github link - https://github.com/udaycoder/Research_Craft

- **Obstacle Avoidance Robot**
  (Date:February 2016)
    - Created an obstacle avoidance robot using Arduino UNO micro-controller and HC-SR04 ultrasonic sensor.Logic was coded using Arduino IDE.
    Github Link- https://github.com/udaycoder/Obstacle_Avoidance_Robot

CERTIFICATIONS / WORKSHOPS / COMPETITIONS

- Participated in ACM ICPC Amritapuri Regionals 2016.

- Excellent grade achieved in C programming language training from NIIT.

- Attended workshop on Human Computer Interaction,2015 & 2016 organised by N.I.T Agartala which hosted eminent speakers from premier institutes from both industry(NUGENIX robotics) as well as academia (IIT,IIEST,NIT).

- Attended Attended National Workshop on Android Development 2016 organised by NIT Agartala 2016,which provided a crash course on Android development and inside view on many Government sponsored apps.

TECHNICAL SKILLS

- **Languages** : C, C++, Java(Basic),HTML,CSS,Javascript

- **Database** : Postgres Sql, MySql

- **Script** : Shell.

EXTRA CURRICULAR ACTIVITIES

- Part of the Core Technical team that organized Advaitam 2017, the biggest Techno-Cultural Fest in the North-East.Part of the team that developed the website for Advaitam 2017 .

- Part of the Core Technical team that organized QUIZASTER-1,a state level quiz competition organized by Holy Cross School,Agartala .

- Completed SKAN101x:Basic 3d animation using Blender course by IITBombayX and received 98% final score.

INTEREST AND HOBBIES

- Reading about new gadgets and technologies.

- Competitive Programming.