

Udayan Baidya

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GitHub: <https://github.com/udaycoder>

ACADEMIC DETAILS

Examination	Institute	Year	CPI/%
B.Tech, CSE	NIT Agartala	2016(4th sem)	9.17
12th (CISCE)	Holy Cross School	2014	95
10th(CISCE)	Holy Cross School	2012	93.6

FIELDS OF INTEREST

- Data Structures and Algorithms, Problem solving, Working on software projects as a team

TECHNICAL SKILLS

- **Languages** (C, C++, Java(Basic), HTML, CSS, Javascript), **Database** (Postgres Sql) **Script** (Shell)).

PROJECTS

- **National Informatics Center** (Summer Training)
(May'13 - June'13)
 - Objectives : To create an efficient student section allotment portal and User Manual for Tripura Tourism Website. Created a portal where the administrator can allocate students to different sections and view, change the allotment details as needed.
Github link - <https://github.com/udaycoder/NIC-project>
- **Personal Website**
(October'16)
 - Created a personal portfolio website from scratch. Technologies used were bootstrap, jquery.
Github link- <https://github.com/udaycoder/personalWebsite>
- **Remotely Operated Research Vessel,**
(Guide: Mr.Suman Deb, Assistant Prof, CSE Dept., NIT Agartala; Date: December'15 - May'15)
 - 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**
(February'16)
 - Created an obstacle avoidance robot using Arduino UNO microcontroller and HC-SR04 ultrasonic sensor. Logic was coded using Arduino IDE.
Github Link- https://github.com/udaycoder/Obstacle_Avoidance_Robot

CERTIFICATIONS AND WORKSHOPS

- 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, IIST, NIT).
- 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.

EXTRA CURRICULAR ACTIVITIES

- 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 recieved 98% final score.

INTEREST AND HOBBIES

- Reading about new gadgets and technologies.
- Competitive Programming.