Abhijeet Sharma

https://students.iitmandi.ac.in/~abhijeet_sharma/
sharma.abhijeet2096@gmail.com | +91-8629015433

EDUCATION

IIT MANDI
B.TECH IN COMPUTER SCIENCE ENGINEERING
Exp. June 2019 | Mandi, India
CGPA: 7.88 / 10.0

St. XAVIERS PUBLIC SCHOOL
12TH STANDARD
Grad. May 2014 | Korba, India
Percentage: 94.6%
10TH STANDARD
Grad. May 2012 | Korba, India
C.G.P.A: 10/10

LINKS

Github:// abhijeet2096
Launchpad:// abhijeet2096
LinkedIn:// abhijeet2096
Quora:// Abhijeet-Sharma-28

COURSEWORK

UNDERGRADUATE
PURSUING
 - M.T.P Landslide Prediction
 - Data Mining
COMPLETED
 - Deep Learning and Applications
 - Software Design Pattern
 - Paradigms of Programming
 - Advanced Data Structure and Algorithms,
 - Artificial Intelligence
 - Database Practicum,
 - Pattern Recognition
 - Large Applications Practicum
 - Computer Science for engineers

SKILLS

Over 5000 lines:
    C++ · C
Over 1000 lines:
    Php
Over 500 lines:
    Python · MySql · HTML · CSS
Over 100 lines:
    Javascript · Java · QT
Familiar:
    Aws IoT · Aws Greengrass
    Aws Lambda · Shell · Raspberry Pi
    Docker · Arduino · GnuPlot · CMake

AWARDS

2016 Second Position in
AAVISHKAR '16 IIT Mandi.

WORK EXPERIENCE

GSoC'18 | Google Summer Of Code 2018 with KDE
April 2018 - Aug 2018
- Integrated FWUPD with KDE's Software Centre (Discover)
- FWUPD is open source Firmware update tool.
- Backend - FWUPD, QT, C++
- Frontend- QML

WINTER INTERNSHIP | SIEMENS TECHNOLOGY & SERVICES PVT. LTD.
Dec 2017 - Feb 2018
- Designed and Built a complete architecture to Monitor, Analyze & Forecast air pollution.
- Made Different Prediction Model
- Models Tried : ARIMA, LSTM
- Frontend - Grafana
- Backend - Docker, AWS IoT, AWS GreenGrass, Influxdb, Prophet, Kapacitor, Google Maps api

ACADEMIC PROJECTS

DRONE | OBJECT DETECTION AND TRACKING THROUGH DRONE
Feb 2017 – June 2017
- Designed prototype to detect a particular object and track it.
- Used modified STRUCK algorithm for object detection and MAVPROXY for drone navigation and control.

PIXLR | A PLATFORM FOR UPLOADING PHOTOGRAPHS
Nov 2016 – Dec 2016
- A dynamic website dedicated for the artist and photographers to showcase their talent.
- Frontend - Bootstrap
- Backend - MySQL, Javascript, PHP

DNA Tiles | BIOTECHNOLOGY-BASED ANDROID GAME
Oct 2016 - Nov 2016
- Build an Android Game like Piano Tiles
- Game helps in learning different GNOME sequences and rules regarding it.

APS | AUTOMATIC PARKING SYSTEM
Feb 2016 – May 2016
- Designed and built an automatic parking system, which automatically parked the car to the nearest available slot
- increases efficiency by constantly monitoring the parking requirement based on available slots and location.

HOME AUTOMATION |
Dec 2015 - Jan 2016
- Built a home automation system that controls various electrical equipments and is controlled via android application.
- System also automatically syncs between various devices.

SOCIAL WORK

Feb 2016
- Part of a Campaign RIGHT TO EDUCATION in nearby village area.

POSITION OF RESPONSIBILITY

June 2017 – Present
- Student Volunteer at Career & Placement Cell IIT Mandi
Aug 2016 – June 2017
- Club Coordinator Of Art Geeks (Art Club) IIT Mandi.