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
 - Major Tech Project Landslide Prediction
 - Data Mining
COMPLETED
 - Deep Learning and Applications
 - Software Design Pattern
 - Paradigms of Programming
 - Data Structure and Algorithms
 - Artificial Intelligence
 - Database
 - Pattern Recognition

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
    Linux · Git·locust

AWARDS

2016 2nd AAVISHKAR '16 IIT Mandi.

WORK EXPERIENCE

WINTER INTERNSHIP | Domino Data Lab
Dec 2018 - Feb 2019
  • load-testing scripts for testing different API Response Time.
  • Framework Used: Locust

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.
  • Models Tried : ARIMA, LSTM
  • Frontend - Grafana
  • Backend - Docker, AWS IoT, AWS GreenGrass, Influxdb, Prophet, Kapacitor, Google Maps api

ACADEMIC PROJECTS (Selected)

DRONE | OBJECT DETECTION AND TRACKING THROUGH DRONE
Feb 2017 – June 2017
  • Designed a prototype of a drone 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 to the artist and photographers to showcase their talent.
  • Frontend - Bootstrap
  • Backend - MySQL, Javascript, PHP

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
  • Increased efficiency by constantly monitoring the parking requirement based on available slots and location.

HOME AUTOMATION | AUTOMATED ELECTRICAL EQUIPMENTS
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.

POSITIONS OF RESPONSIBILITY

October 2018 – December 2018
  • Google Code-In Mentor with KDE
June 2017 – Present
  • Student Volunteer at Career & Placement Cell, IIT Mandi
Aug 2016 – June 2017
  • Club Coordinator Of Art Geeks (Art Club), IIT Mandi.