Ujjal Das

ud12@iitbbs.ac.in | Bengaluru, India | +91 9583222425

EDUCATION

IIT BHUBANESWAR
B.Tech in Electrical Engineering
July, 2020 | Bhubaneswar, India
CGPA: 7.41 / 10

COTTON COLLEGE
Class XII (AHSEC)
April, 2015 | Guwahati, India
Percentage: 86.20 / 100

DAMDAMA H.S. SCHOOL
Class X (SEBA)
April, 2013 | Kulhati, India
Percentage: 82.16 / 100

LINKS

Github:// **ujjaldas132**
LinkedIn:// **ujjaldas132**

TECHNICAL SKILLS

Java • Python • Javascript
Matlab • Bash
HTML • CSS • Jquery
MySQL • Redis • Hbase
Hadoop • Map-Reduce • Spark
nodejs • flask
Git • Gradle • Maven

PERSONAL PROJECTS

- Smart EV Charging Station - **Source Code**
- IITBBS Result Checker - **Source Code**
- Vaccine Tracker - **Source Code**
- Vehicle Tracking System - **Source Code**
- Portfolio Website - **Visit Source Code:Landing Page Source Code:Portfolio**
- Twisted Tic Tac Toe - **Play Here Source Code**
- **Financial Calculator** To calculate the FIRE age. Used Flask, Js.
- **Autonomous Vehicle** - Design a logic to detect any object approaching bot(vehicle) and command to control it.
- **Facebook user information** - **Source Code**

EXPERIENCE

GOLDMAN SACHS | Software Engineer
July 2020 - Present | Bengaluru, India
- Global Compliance Division
  - Developed analytical models for surveillances using hadoop tech stack to monitor trading activities and to detect suspicious market activities like insider-trading, wallcrossing etc.
- Global Market Division
  - Developing a cloud based platform to support all firm's trading activities using the technology stack like protobuf, GRPC etc.
  - Responsible for organizing sessions on different technical topics and team building activities like hackathon for developers as part of Developer Training group

BYER | Chief Technology Officer
September, 2019 – June 2020 | Bhubaneswar, India
- **Led the technology team of 3 members**.
- **Full-stack developer** - Developed an e-commerce website and its multiple components using nodejs, HTML, css, bootstrap, Mysql, redis, AWS.

PNB METLIFE | Machine Learning Intern
May 2019 – July 2019 | Mumbai, India
- **Project mi8** - Developed a DEEP LEARNING model to extract required data from KYC documents to classify and reconcile against database entries, and to mask the specific area of the documents based on the regulatory requirement.

VASITAR PVT LTD | Automation Engineering Intern
May 2017 – August 2017 | Bhubaneswar, India
- **Artificial odour generator** - Designed and automated a mechanism to create multisensory experience (4d olfactory effect) with optimal proportion and rate of odor diffusion in a closed space using raspberry-pi, python and ultra-sonic diffusers.

COGNITIO EDUCATION | Public Relationship Intern
December 2016 – January 2017 | Guwahati, India
- Organized lectures, contests for school students to increase awareness about competitive examinations.

RESEARCH

IIT GUWAHATI | Research fellowship programme
May 2018 – July 2018 | Guwahati, India
Audio signal processing via non negative matrix factorization - developed and evaluated an algorithm to separate multi-speaker audio from single speaker audio using non-negative matrix multiplication and machine learning, under the guidance of **Dr. Prithwijit Guha**

AWARDS

2016	top 0.05%	JEE Mains and JEE Advanced
2016-20		Chief Minister scheme of Financial Assistance, Assam,India
2013		Awarded with certificate of excellence and HP laptop, Govt Assam