

Ujjal Das

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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, using Flask, Js.
- **Autonomous Vehicle** - To detect any object approaching bot(vehicle) and to generate commands 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 odour 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. Prithwjit 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