ARIJEET BANERJEE

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EDUCATION

1. **Bachelor of Engineering** , Civil Engineering , Jadavpur University   *JULY 2016 - PRESENT*
   Average GPA – 8.48/10.00
2. **Senior School Certificate Examination** , Jamshedpur Public School , CBSE   *2016*
   Percentage – 91%
3. **Secondary School Examination** , Jamshedpur Public School , CBSE   *2014*
   CGPA – 10.00

SKILLS & ABILITIES

1. **Software**: AutoCAD, Tableau, STAAD.Pro, PostgreSQL, ArcGIS, ERDAS Imagine.
2. **Languages:** C++, C#, SQL, Python, JavaScript, HTML5, CSS, dotNET framework, OOPs, DSA*(*ongoing)* .
3. Winner, **'Decisia'**, held at Convolution'18 organized by JU Electrical Engg. Department.
4. Secured 2nd position in event **'Shape The Future'** at Trajectory 2.0 and 3.0 , Jadavpur University.

INTERNSHIP DETAILS

1. **Summer Intern , Kritsnam Technologies (P) Ltd., IIT Kanpur**   *JUNE 2018 - JULY 2018*
   The Internship was a part of **PANI** (**P**rovision of **A**dvisory for **N**ecessary **I**rrigation) project , an IOT based solution for sustainable irrigation and the following works were carried out:
   - Collected **GIS** (**G**eographic **I**nformation **S**ystem) data using **Trimble** device which works on **GNSS** technology and soil samples from the respective agricultural fields.

   - **Data analysis** using MS-Excel of the real time **soil moisture** data of different soils to create a efficient model of the optimum amount of water required for the crops . Generation of **soil moisture calibration curves** for different soil samples with respective soil moisture sensors (SM 100 & SM 500).

2. **Summer Design Intern , STUP Consultants (P) Ltd., Kolkata**   *JUNE 2019*

   The Internship work was to analyse the architectural plan of the undergoing project of Delhi Metro Rail Corporation of the **Dhansa Station** (Extension of Dwarka - Nazafgarh to Dhansa) and :
   - Design of the **Firemen Staircase** of the Dhansa Stand Station .
   - Design of the **Top Strut level** arrangement at the Entry and Exit area of the Dhansa Stand Station .
   - All design were done in **MS-Excel** to correlate the values directly.

PROJECTS

1. **Standalone IRC server** *(*ongoing)*
   - Implement a standalone IRC server.
   - Assuming there is only one server and all clients are connected to the server.
   - The server must handle multiple clients and the source code is implemented with C++ networking.
2. **Payroll Management System**
   - Final high school project on topic "Payroll Management System" .
   - Implemented using C++ language and OOPs concept.
3. **A working website for Jadavpur University (Civil Engineering discipline)** *(*ongoing)*
   - Completed the Front-End part using HTML5,CSS and Javascript.

POSITIONS OF RESPONSIBILTY

1. Class Representative of Civil Engg. Batch of 2016-20.
2. Deputy Leader of the Survey Field work (3rd semester).
3. Group Leader in the Academic Tour of BkTPP (6th semester).

INTERESTS

1. Competitive Programming
2. Open source enthusiast
3. Big data analysis using R and its implementation in Design of Structures.

RECOMMENDATONS

- See Recommendations on my Linked-IN profile – https://www.linkedin.com/in/arijeet-banerjee-3b894313a
- Passed LinkedIn Assessments – dotNET framework, C#