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ABHILASH PANI

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EXPERIENCE

Research Intern	**Fisdom -** Wealth management startup	**Summer 2018**

Responsibilities in team were-
- Responsible for creating internal dashboard tool that is now used to view mutual fund rankings.
- Implemented Fisdom developed algorithms for mutual fund rankings.
- Preprocessed,transformed,explored the mutual funds data for in-depth analysis.
- Utilised Dash (Python-based web framework), MorningStar API, deployed to Heroku.

Further responsibilities included-
- Built a Fisdom-registered customer portfolio generator.
- Fetched customer transactions via Plutus DB.
- Utilised MorningStar API, Quandl API to extract funds info.

Research Intern (Remote)	**Kno.e.sis** - Ohio Center of Excellence in Knowledge-enabled Computing	**Jun 2019 - Nov 2019**

- Involved in building intelligent conversational agent for personalised health under Dr. Amit Sheth
- Successfully implemented chatbot backend server. [**Tech Stack** - ElasticSearch, Flask, DialogFlow]

EDUCATION

Naya Raipur	**IIIT Naya Raipur**	**2016 – current**

- B. Tech in Computer Science & Engineering. CGPA %: **87.5**
- Coursework: Data Mining, Machine Learning, Big Data Technologies, Artificial Intelligence, DBMS, Software Engineering, Programming Languages, Data Structures & Algorithms, Object oriented programming, Operating Systems, Computer Vision.

LANGUAGES AND TECHNOLOGIES

- **Data Science & Machine Learning** : Pandas, Numpy Sci-kit, XGBoost, LightGBM, Seaborn, Keras.
- **Programming Technologies** : SQL, Apache Hadoop/Apache Spark, Apache Airflow HTML/CSS, Git.
- **Frameworks :** Dash/Flask, ElasticSearch, Firebase, MySQL Developer (Oracle DB), Linux (OS).
- **Clouds :** AWS (Sagemaker, Redshift, S3), GCP.

PROJECTS

- **Data Analysis on IPL Datasheet:** Detailed Visualisation/Analysis using matplotlib, seaborn, pandas.
- **Design & Analysis of Label Noise handling mechanisms :** Formulated various approaches, implemented and tested its validation. Fuzzy logic, Semi-Supervised learning (graph-based), Ensemble learning.
- **Trend Analysis in APMC**: Analysed & visualised the price fluctuations,trends accounting the seasonal effect for each cluster of APMC and commodities.
- **Campus Charcha:** Quora-based discussion forum for college. Django, HTML/CSS, JavaScript.

ACHIEVEMENTS

- Ranked **49** out of **10,000+** participants - **ZS Associates Data Science Challenge - 2019.**
- Ranked **142** out of **5,000+** participants - **Societe Generale ML Hackathon-2019**.
- Ranked **102** out of **350+** participants - **Yes Bank Datathon-2019-2nd phase**.
- Secured **3rd** rank out of **100+** teams - **Tata Crucible Quiz-2018-Raipur Edition.**
- Successfully led **Hospitality & PR** dept. of **Technovate-2019** (Techfest of IIIT-NR).