DISHA SINHA

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EDUCATION

Netaji Subhash Engineering College
BTech, CSE, GPA: 8.288/10
2017 - 2021 (Expected)

Bidya Bharati Girls' High School
X: 85.8%
2000 - 2014

Ashok Hall Girls' Higher Secondary School
XII: 82.4%
2014 - 2016

SKILLS

Programming Languages: Python, C, Java, C++, JavaScript, Dart
Tools and Technologies: HTML, CSS, Bootstrap, Git/GitHub
Familiar With: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, SciPy, SQL
Core Technical Skills: Data Structure & Algorithm, OOP
Soft Skills: Punctuality, Public Speaking

LINKS

Portfolio: **disha2sinha.github.io**
GitHub: disha2sinha
LinkedIn: disha-sinha
CodeChef: disha2sinha
HackerRank: disha2sinha

ACHIEVEMENTS

- ***3***-star (***1605***) rated in CodeChef
- ***4***-star rated in HackerRank (DSA)
- Qualified for the 2nd round of ***HackWithInfy 2020*** coding contest

RESEARCH

Research paper titled ***"A new hybrid feature selection–classification model to predict customer churn"*** authored by ***Disha Sinha, Arghadip Chakraborty, Sohel Raja Molla, Shankhadeep Giri, Chandra Das*** and ***Shilpi Bose*** got accepted for oral presentation and publication in ***5th International MCCS conference (2020)***

OBJECTIVE

Ambitious to kick start my career under a well - renowned organization which will give me an opportunity to utilize as well as enhance my skills and knowledge for mutual benefits of the organization.

EXPERIENCE

- **GSSoC'20 Contributor| GirlScript Foundation**

Contributed to a project of GirlScript Summer of Code'20 (3 months long Open Source program conducted by GirlScript Foundation).
Check contributions**:** https://www.gssoc.tech/profile.html?id=disha2sinha

- **Open Source Contributor**

Contributed to open-source projects by fixing issues or adding new features

- *fnplus/Python-scripts-collection***:** https://github.com/fnplus/Python-scripts-collection/commits?author=disha2sinha
- *frextrite/Data-Structures-Algorithms-Hacktoberfest-2K19***:** https://github.com/frextrite/Data-Structures-Algorithms-Hacktoberfest-2K19/commits?author=disha2sinha

See other contributions**:** https://github.com/disha2sinha

PROJECTS

- **Musical Keyboard**
  A web application to play music using letters from the keyboard.
  Tech Stack: HTML, CSS, Javascript
  Link: https://github.com/disha2sinha/Musical-Keyboard
- **Customer Churn Analysis**
  A hybrid model consisting of ensemble classifier, k-prototype clustering and association rule mining models for customer churn analysis using majority voting technique for both feature selection and churn prediction.
  Tech Stack: Python libraries like Numpy, Pandas, Matplotlib, Seaborn, Scikit-learn, mlxtend and kmodes
  Link: https://github.com/disha2sinha/Customer-Churn-Analysis
- **Sentiment Analysis on Movies Review**
  This model performs feature-extraction on the given dataset on the basis of polarity, wordclouds and by removing non-essential words, next it builds a vectorizer which turns the list of words into an array of numbers and then it classifies the reviews into negative or positive based on the keywords of the review.
  Tech Stack: Python libraries like pandas, matplotlib, textblob, wordcloud, scikit-learn and nltk
  Link: https://github.com/disha2sinha/Sentimental-Analysis-Movie-Review

See other works**:** https://github.com/disha2sinha

CERTIFICATES

- Machine Learning with Python (IBM)
- Responsive Web Design (freeCodeCamp)
- Programming, Data Structures and Algorithms Using Python (NPTEL)
- Sentiment Analysis in Python (DataCamp)
- Linear Classifiers in Python (Datacamp)

See other certificates**:** https://tiny.cc/certificates