

Siddharth Bhandari

Budding Machine Learning and Blockchain, keen to learn new technology with the ability to understand problems, solving them with algorithms and describing the solution by storytelling. Ready to explore new things with an enthusiasm to develop a useful product.

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Codechef: siddharth_02 (1628)

EDUCATION

Indian Institute of Information Technology, Dharwad, Karnataka — Bachelor of Technology (Data Science and Artificial Intelligence)

DECEMBER 2020 - PRESENT

CPI (till 4th Semester) : 8.74

Central Board of Secondary Education(CBSE)

MAY 2016 - MAY 2020

Class X- 96.6% Class XII -95%

ONGOING PROJECTS

Optifit Gauge— Decentralized Electronic Health Records Manager

- Blockchain based Web application built with React framework and Moralis (Dapp Framework for web3) Smart Contracts for patients & Doctors
- Developed revenue models and architecture to integrate AYUSH (Medical Tourism), Ayushmaan Bharat, Medical Insurance Document verification for claim settlement, hospital inventory management systems

Bitcoin Evolution Analytics: — Twitter Sentiment and Indicators to Price Change Classification as Bearish or Bullish

- Prepared dataset containing sentiment scores (derived from FinBERT, VADER and TextBlob) and statistical indicators (Aroon Indicators, ADL)
- Performed Ensemble Learning and used Genetic Algorithm and NARX Modeling
- Comparative Analysis of 27 Machine Learning Models
- Research paper submitted to IKDD (Under Evaluation)

EXPERIENCE

Hylobiz— SDE Intern

JUNE 2022 - JULY 2022

- Developed an ionic and angular dashboard for inventory management system
- Performed time series modeling on the data of SMEs to predict upcoming need of stocks

Return_o (Coding Club IIIT Dharwad)— Event Team Lead

JANUARY 2022 - PRESENT

- Organized a 5-day DSA competition "SQUID GAME"
- Held 2 open contests on CodeChef

E-Cell (IIIT Dharwad)— Organization and Management Team Lead

FEBRUARY 2022 - PRESENT

- Organized "Mock-trading Competition" in collaboration with StockPe

SKILLS

Languages: Python, Java, C, C++, Solidity, R, MATLAB, HTML, CSS, Javascript, SQL

Frameworks/Libraries: Tensorflow, Keras, scikit-learn, NumPy, pandas, matplotlib, PySpark, NLTK, raceplotly, dash, seaborn, Ethereum, Polygon, MetaMask, Truffle, Ganache, Web3JS, Moralis Web3, EtherJS, React, Bootstrap, AngularJS, Ionic Framework, Selenium

Tools: Google Data Studio, Power BI, NodeXL, GePhi

AWARDS

- Held first position in VeloHack organized by Velocity Club (IIIT Dharwad)
- Runner-Up at Shark Tank organized by Sangam University
- Finalist at Binance Ideathon 2022
- Finalist at SIH 2022

CERTIFICATIONS:

- Microsoft AI Classroom Series
- Google Data Studio
- Computer Vision Basics by University of Buffalo
- Webbing Data Science and Digital Humanities - 5 day workshop by TiHAN IIIT Hyderabad and IIIT Dharwad