

Vedaanti Baliga

Full Stack Engineer & Data Scientist

Skilled in Python, Java, C++, C, Data Structures, Flask web framework, MySQL, Data Visualization libraries (Pandas, Numpy, Seaborn, Plotly), Full Stack development, algorithmic trading using ML/AI

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Location : New Delhi

PROFESSIONAL WORK EXPERIENCE AND RELEVANT PROJECTS

Quant Binary, San Francisco/ Machine Learning Engineer

September 15th, 2020 – December 31st, 2020

Lead machine learning engineer for developing algorithmic trading strategies and backtesting codes for the US stock market. Managed and guided interns as well.

Pikkal & Co - B2B Podcast Agency, Singapore/ Machine Learning Intern

August 1st, 2020 – September 9th, 2020

Developed a chatbot for helping clients with podcast information. Further, helped in developing voice dynamics (data analytics for podcasts) with the aid of machine learning.

Indian Institute of Technology, Delhi / Senior Project Assistant, Technical Lead

August 1st, 2019 – May 31st, 2020 (Presently doing volunteer work for the same)

Developed and deployed a website for the pre-assessment of groundwater contamination by using Flask and various python libraries for visualizing and analyzing data.

Site URL – www.cast.iitd.ac.in

Conference Link – https://www.bayceer.uni-bayreuth.de/FH-DGGV-2020/en/prog/bayconf/beitrag_detail.php?id_obj=18101

Paper under revision at – <https://ngwa.onlinelibrary.wiley.com/journal/17456584>

Samsung SDS, Gurgaon, India / Intern

June 26th, 2018 – July 25th, 2018

Developed web applications and web forms using .NET, C# and SQL server on an industrial level. Conducted testing on a live project for a new website for Samsung service centers.

Dell Technologies Ltd., India | Hackathon

August 14th, 2018 – August 21st, 2018

Developed a predictive algorithm to do market forecasting for products of Dell using an innovative potential model.

EDUCATION

B. Tech (IT)

Manipal University Jaipur

2015 – 2019

CGPA : 8.95

Upcoming graduate student – MS in Applied Data Science, Fall '21, University Of Southern California

PROFILE LINKS

GitHub :

<https://github.com/veda1234>

LinkedIn:

<https://www.linkedin.com/in/vedaanti-baliga-538289169>

HIGHLIGHTS

- ***Indian Institute of Technology, Delhi and Technische Universität Dresden, Germany / Major Project/Internship*** – Developed the initial stage of the groundwater project during this time. The software is now being used as a teaching and learning tool at Technische Universität Dresden.
- ***Manipal University Jaipur, Minor Project*** – Worked on researching and learning about the Vehicular Ad Hoc Network(VANET). Developed a comparison study with routing with the help of NS3, NetAnim, Wireshark and visualisations using GNU plot. Received A+ on the project.
- ***Manipal University Jaipur, Project*** – Developed a prototype for crop management using Raspberry Pi by working with Arduino (IoT), humidity and rain sensors.