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 back testing codes with machine learning for the US stock market. Lead the team and managed interns as well.

Pikkal & Co – B2B Podcast Agency, Singapore| Machine Learning Intern

August 1st , 2020 – September 9th ,2020

Developed a chat bot for helping with podcasts then shifted to another project in the company where I helped in developing voice dynamics 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 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.