DHEERENDRA TOMAR

Gwalior, Madhya Pradesh, India. 474005 | +356-99686749, +91- 7987585283 | dheerendr.tomar@gmail.com

LinkedIn   Personal website   GitHub   Quora

OBJECTIVE

I am actively looking for an opportunity as a data scientist in a company where I can apply my skills which I have learned from various sources and can contribute in your organization.

EDUCATION

Bachelors of Technology   2017

Amity University Madhya Pradesh, India

- Major: Computer Science and engineering
- CGPA: 7.4

XII   2012

Madhya Pradesh Board of Secondary Education

- Marks: 81.8%

X   2010

Madhya Pradesh Board of Secondary Education

- Marks: 83.3%

SKILLS & ABILITIES

Management

- Organized and communicated to line follower event, a robotics competition, in which more than 100 participants took part
- Developed and taught new aerial robotics module to students at Sunday Science School, Nashik, India

Programming Languages

- **Python**: Learned about various modules of python by working on various project related to machine learning and data analytics. Some of the libraries I work with are pandas, scipy, matplot, nlp, seaborn, plotly, cufflinks , google cloud vision, opencv, Mqtt
- **HTML, CSS, JavaScript, AJAX, JQUERY**: Learned these from FreeCodeCamp and by implementing them in various personal and free lancing projects
- **C, C++, Java, .Net**: Learned them through implementing them in Lab works during my graduation
- **SQL**: Learned about structured Query language during my graduation and implementing it in most of the projects
- **Data Structure & Algorithm, Web Crawling, Selenium, AWS, Hadoop, Spark, Google Cloud Vision, Recommender Systems**

Communication

- Presented daily progress reports to mentors.
- Presented the idea to potential investors and mentors.

Development Framework

- Python Based Framework: Flask, Django

Leadership
- Served as team leader for the technical team for bus transportation team at Digital Impact Square
- Trek leader for various treks I conducted.

EXPERIENCE

Intern
Department of Computer Information systems
University of Malta

14/05/2018   -
11/08/2018

- Responsible for submitting daily reports of the work done during the day
- Understanding the patterns of cryptocurrency price dynamics and developing an application to predict the price movement of a given cryptocurrency utilizing the historical data

Application Developer
Freelancer Developer

08/01/2018 -
20/04/2018

- Responsible for designing, developing and hosting a social media prototype like Twitter
- I used Flask (Python based web framework) and MYSQL with lots of algorithms.

Intern
Department of Computer Information systems
University of Malta

15/11/2017   –
22/12/2017

- Responsible for submitting the daily reports of the work done during the day
- Understanding how scheduler applications work and develop one

Innovator
Digital Impact Square
Nashik, India

23/05/2016   –
23/07/2016

- I was working with 3 people to develop an application based solution for the transportation problem
- I was involved in giving presenting to mentors and pitching to investors

Student Researcher
CCFIS PVT. LTD.
India

01/09/2014   –
14/05/2016

- Created a device for office automation based on Arduino and sensors
- Actively took part in cyber defense training which taught about secure programming

SIGNIFICANT ACHIEVEMENTS
- Worked with MIT, Boston (Team)
- 13th ranker, Hacker cup India 2016
- 100% fully sponsored ticket to Ground Zero Summit
- Two times pre-contest winner on Hackster.io

PROJECTS

Loan recovery Predictor
- Used random forest and decision tree to classify whether the borrower paid back the loan or not. Dataset used for this project is available on lendingclub

Classifying reviews into movie rating
- Used NLP for rating movies based on their text reviews

Real Time air quality monitor
- Created a device using LinkIt One development board and few sensors to measure the quality of air in real time and send the data to server for further analysis.

COURSE COMPLETED

- Software Engineering, Information Integration and Data Analytics, Mobile Computing, Image Analysis, Foundations to Computer Security, Linear Algebra and Advanced Calculus
- Algorithm Design and Analysis, Computer Network, Databases and SQL, Digital Communications, Research Methods
- Operating Systems, Probability and Statistics, Advanced Programming, Transducer and Signal Conditioning, Critical Reading
- Data Structures, Theory of Computing, Computer Organization, Technology and Society, System Management

LANGUAGES KNOWN

- English
- Hindi
- French (basics)

INTERESTS

- Data Science
- Trekking
- Food
- Aerial Robotics