张 家铭

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教育-背景

北京林业大学
工学硕士 - 林业装备与信息化

📅 Sep 2021   📍 北京, 中国

- 研究生学业一等奖学金 ×3
- 优秀研究生
- 机器视觉助教
- 班级委员会成员

中国矿业大学 (北京)
理学学士 - 信息与计算科学

📅 Sep 2016   📍 北京, 北京

Links

 GitHub **@CharmingZh**
in Linkedin **themagicalmammal**

课程- 概况
均分：93/100
排名：4/128(学硕第 1 名)

Data Science
Programming for Data Science
Knowledge Representation and Reasoning
Statistical Theory and Methods
Learning Skills through Case Studies
Artificial Intelligence
Machine Learning
Statistical Learning
Dissertation: Machine learning methods for solubility prediction in chemical experiments

Skills

PROGRAMMING
Python • R • PHP • C/C++ • HTML/CSS • JavaScript • SQL

MISCELLANEOUS
Shell • LaTeX • Tableau • Microsoft Office • Firebase • Git

Honors

EXCELLENCE SCHOLARSHIP
University of leeds
Awarded to international students who have achieved the equivalent of a UK first class bachelors' degree.

INDUSTRIAL VISIT
Infosys Pune
I was as one of the students for industrial training, where 28 students were chosen out of 2000.

Experience

SOFTWARE ENGINEER
Indian Institute of Technology

📅 Sep 2020 – Aug 2021   📍 Indore, MP

- Using Yolo to boost the accuracy of low light situations in mobilenetv3
- Using Bash scripts and Linux tools to automate and optimize the data handling for traffic signs.

MACHINE LEARNING INTERN 实习
Raja Ramanna Centre for Advanced Technology

📅 Apr 2020 – Aug 2020   📍 Indore, MP

- Using Genetic algorithm designed a model to detect the crossover/mutation in gene which is portable for scheduling scenarios scenarios.

WEB DEVELOPMENT INTERN
Raja Ramanna Centre for Advanced Technology

📅 Jan 2020 – Feb 2020   📍 Indore, MP

- Designed the dynamic website using PHP for data visualization (Angular5 and NodeJs) of particle accelerator for internal usage.
- Worked on AmCharts to display live data streams and used statistical tools for computation and understanding of data.

WEB DEVELOPMENT INTERN
Raja Ramanna Centre for Advanced Technology

📅 Jun 2019 – Jul 2019   📍 Indore, MP

- Using Django to connect with SQL backend with SQL Server 2012.
- The webpage is made out of AngularJS with UI elements from Materialize.

Competitions

COMPLEX LEVEL
Smart India Hackathon

📅 Jan 2019 – Feb 2019   📍 Bhubaneshwar, Orissa

- We had a team of 6 people under the alias 'Cicada3301' everyone had different skill sets we made a website which was connected to a blockchain network on Ethereum which was set up on the network of our personal computers.
- After passing all the three rounds, our team was declared the winner of our question set. We won a lump sum of 1lakh₹(s).

Recent Projects

IPL ANALYSIS
University of Leeds

📅 Nov 2021 – Dec 2021   📍 Leeds, UK

A project under the University of Leeds to analyse data from 2008 to 2015 and discover patterns in the data such as trends, co-relations, probabilities, and used tools such as matplotlib, Pandas, Seaborn for data visualization.

STUDY OF THE BEHAVIOUR OF SERIAL KILLERS'
University of Leeds

📅 Nov 2021 – Dec 2021   📍 Leeds, UK

The study of the behaviour of serial killers with different motives such as Convenience (did not want children/spouse), Enjoyment or Power and Escape or avoiding arrest.