CHENG ZHANG

DATA SCIENTIST

EXPERIENCE

Independent Media Writer | WeChat

JAN 2018 - PRESENT, REMOTE

- Focusing on the details and patterns of things
- Presenting insightful findings in a storytelling way
- Critical thinking and Creative writing mindset

Science Student Mentor | University of Waterloo

JAN 2017 - 2018, WATERLOO, ON

- Communicating agile feedbacks from students and professors to improve course experience
- Teamwork collaboration with other mentors to improve students study experience in science faculty

EDUCATION

BrainStation | Diploma Candidate, Web Development

JAN 2020 - MAR 2020, TORONTO, ON

University of Waterloo | Bachelor of Science, Mathematical Science (Hons.)

SEP 2016 - 2019, WATERLOO, ON

PROJECTS

Recommendation System Project | BrainStation

2020, TORONTO, ON

- Familiarised with recommendation system engine
- Learned about how to complete model evaluation & statistical tests

Disaster Response Project | BrainStation

2020, TORONTO, ON

- Built ETL and ML Pipelines to facilitate data processing
- Implemented NLP in sentiment analysis

Astronomy Capstone Project | BrainStation

2020, TORONTO, ON

- Machine learning on data classification, clustering and regression
- Manipulating and optimizing data modeling performance
- Deep learning on images classification and detection
- Becoming familiar with cloud computing and Big Data

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SKILLS

Python, R, SQL, MATLAB, Git, Tableau, Big Data, Machine Learning, Deep Learning

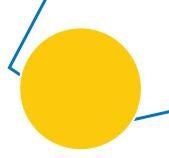
PROFILE

I am a new graduate with a background in mathematical physics who is passionate about joining the data science industry. At BrainStation I refined my skills through multiple projects, and have become even more excited about mining hidden insights from large volumes of data. I love to find valuable patterns and interesting details from data. I truly believe that data science will eventually impact every industry. Therefore, I want to begin my career as a data scientist. A data scientist has the ability to reform how people think about data and transform that data into assets.



Cheng Zhang

Insightful, Thinking outside the box, Zen, Book Blogger, Mindset



Storytelling skills and physics mindset can benefit me in grasping new ideas in data science. I was major in mathematical physics that makes me understand data science in a profound way. As a blogger, the perseverance in picking out useful information and transforming it into valuable insights is becoming one of my inspirations. Throughout years, I have been pursuing an independent mindset of creativity. And I also keep the ambition to improve my data science skills in the workspace.

Capstone Project - Ninja Road of Modelling: Particles Classification CERN

Multipile-class classification by using both machine learning & deep learning models for the best accuracy.







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