

## Education

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<b>Computer Science, BSc</b>	<b>Nanjing University, China</b>	<b>2018.9-2022.6</b>
<ul style="list-style-type: none"><li>Selected for <a href="#">Elite Program</a>, undergraduate thesis is about clustering RDF datasets</li></ul>		
<b>Data Science, MSc</b>	<b>UBC, Canada</b>	<b>2022.9-present</b>
<ul style="list-style-type: none"><li>Focus on data science and computational linguistics</li></ul>		

## Work Experience

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<b>Professional Services Intern</b>	<b>Amazon Web Service(AWS)</b>	<b>2021.7-2021.10</b>
Provided solutions and consultation to clients with project and demos		
<b>Import/Export Policy Enquiry Website (For Amazon Seller Central)</b>		
<ul style="list-style-type: none"><li>Implemented a data validator with the help of JSON Schema, which helped our customers achieve a value-level verification in seconds for 10,000+ JSON items in Python <a href="#">Blog In Chinese</a></li><li>Reduced nearly 60%(14s→6s) cold start time of the Java AWS Lambda function in our project by using a combination of four methods, which optimise the user experience while saving our clients budget</li></ul>		
<b>Text analytics based model for product search</b>		
<ul style="list-style-type: none"><li>A model can make products embedded, based on Word2Vec and Amazon Review Data from UCSD</li><li>Achieved a mean rho of 0.62 in <a href="#">WS-353</a> and can find both similarity and relatedness between products</li></ul>		
<b>Serverless flash sale system</b>		
<ul style="list-style-type: none"><li>Developed a system based on .NET core and Redis, which could take 500+ parallel requests per second on a single node with response time less than 3 seconds (under JMeter)</li><li>Achieved lock-free by using twice stock confirmation with less than 1% data competition in test environment</li></ul>		

## Technical Experience & Projects

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### Co-clustering on RDF Data (2021.10-2022.05)

- Contributed to a thesis submitted to [The Web Conference 2023](#) as the secondary author
- Implemented an Multi-view Information-Theoretic Co-Clustering on RDF datasets
- Presented a visual demonstration of the core relationships on Semantic Web

### Musicians Impact Analysis (2021.1-2021.2)

- Meritorious Winner, Mathematical Contest in Modeling, 2021 (top 8% worldwide)
- Implemented a PageRank algorithm with weighted cascade teleport to quantify the influence propagation
- Verified whether one musician did influence another by SVM and Hypothesis Test

## Technical Skills:

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- Python, C++/C and Java, have experience in R and .NET core development
- Basic Machine Learning algorithms, have experience in Pytorch, scikit-learn, and Knowledge Graph
- Computer network common protocols, have experience in crawlers and web analysis tools
- Linux systems, have experience of using several Linux distributions on different architectures

## Leadership & Campus Activities:

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Worked for the Nanjing University Microsoft Student Club (NJUMSC) and been elected as the vice president for excellent activity organisation and communication skills. [Photo with club mates](#)

- Microsoft Summer Camp** Completed an instant APP of a fitness performance visualization forecasting and made a presentation to researchers at Microsoft Research Asia
- Hackathon2020@East China** Helped with statistics, analysis and visualisation of team data and project data. Planned and coordinated the whole hackathon ([Official website in Chinese](#))