

Xiangxiao Meng

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EDUCATION

Bachelor of Information and Technology
University of Science and Technology Beijing

Sep 2017 - Aug 2021
GPA: 3.6/4.0 | First-class People's Scholarship

Master of Computer Science
University of Adelaide

Feb 2023 - Dec 2024 (expected)
Current GPA: 6.63/7.0

PROFESSIONAL EXPERIENCE

Data Science Intern
BONC Inc., Beijing

Apr 2019 - Jun 2019

- Gained concepts about artificial intelligence, data mining, and machine learning.
- Learned how to utilise Python data analytics, Hadoop, Spark, and Tensorflow through a data mining project.
- Also improved soft skills like teamwork and collaboration.

PROJECTS

Weather Data Prediction

Sep 2023 – Nov 2023

As team leader, guided a student team in developing an AI model to accurately predict future weather data. Employed Transformer and Autoencoder architectures to analyse historical weather patterns and forecast various weather metrics. Managed the program timeline and ensured effective collaboration among members.

Electronic Voting System

Sep 2023 – Nov 2023

Designed and implemented a web-based voting platform with robust security features with team members. Embarked on experience of encryption, authentication, and authorisation controls to prevent unauthorised access and protect the integrity of elections. Conducted penetration testing to evaluate and strengthen the system against modern vulnerabilities.

Banking Management System

Oct 2018 – Dec 2018

Developed a comprehensive banking account system in C++, featuring user-friendly interfaces for current savings and credit accounts. Implemented functionalities include account creation, deposit and withdrawal operations, interest calculations, efficient account management, detailed transaction history, and robust error handling. The system supports various account types, allows for easy tracking, and ensures a seamless user experience in managing financial transactions.

COMMUNITY INVOLVMENT & AWARD

University of Adelaide Computer Science Club Member

Feb 2023 - Present

Competitive Programming Club Member

Feb 2023 - Present

3rd Prize, 9th National Professional Software Engineering “Blue Bridge Cup” Beijing Competition

Mar 2019

Gold Award, ACM Intra-school Competition in University of Science and Technology Beijing

Dec 2018

University of Science and Technology Beijing Sources of USTB Club Member

Sep 2017 - Jun 2020

TECHNICAL SKILLS

- Knowledge of common data structures (arrays, stacks, queues, linked lists, trees, graphs) and algorithmic paradigms
- Skilled in analytical and systematic approaches to solving coding challenges and complex problems
- Proficient in data mining, machine learning, and artificial intelligence techniques, including neural networks, clustering, predictive modelling, NLP
- Programming Languages: Fluency in Python, Java and C++
- Database and cloud computing skills
- Version Control: Git, GitHub for collaborative development and versioning of code
- Operating Systems: Linux/Unix, Windows