

# Yan Xuan

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## EDUCATION

### Northeastern University, Boston, MA

Expected May 2023

#### Master of Science in Information Systems

- GPA: 3.78 / 4.00
- Coursework: Application Engineering and Development, Program Structure & Algorithms, Object-Oriented Design, Web Design / User Experience Engineering, Data Science Engineering Methods

### University of Science and Technology Beijing, China

Jun 2020

#### Bachelor of Science in Computer Science and Technology

- Coursework: Software Engineering and Course Project, Database System Concepts, Algorithm Design and Analysis, Programming Design and Object-Oriented Method
- Awards and Achievements: Excellent Student Scholarship (all four years), Excellent Student Leader, College Computer Design Competence (3rd Prize), RoboCup Competence (1st Prize), APP Design Competence (1st Prize)

## SKILLS

**Technical:** Java, Python, C++, JavaScript (jQuery, Ajax, React), NodeJS, HTML, CSS, SQL (MySQL, SQL Server), Git

**Frameworks:** Spring, Spring MVC, SpringBoot, MyBatis, Bootstrap, Vue, Django, NumPy, Pandas

**Software:** NetBeans, Eclipse, IntelliJ IDEA, IDLE, PyCharm, Anaconda, VSCode, MATLAB, Tableau

## WORK EXPERIENCE

### Jinjun Technology Company, Beijing

Mar – Jun 2021

#### Intern - Java Background Development & Online Marketing - Research and Design Group

- Developed an enterprise front-end and back-end interactive system by using SpringBoot and MyBatis frameworks in Java
- Modified user interfaces using Bootstrap, jQuery, Ajax in HTML5, CSS and JavaScript
- Designed the online marketing of the Pocket Video Storage app in a team, including directing and editing promotional videos, writing social media posts, and creating advertisements

### Shulian Zhongchuang Technology Company, Beijing

Jun – Jul 2019

#### Intern - WeInData Project Programmer

- Optimized an algorithm for Waste Sorting based on four-layer convolutional neural network with pooling and ReLU
- Improved back-end using the Django framework in Python
- Created user interface using Bootstrap and Ajax

## PUBLISHED ARTICLES

Common Sense of Elevator CEDE. *Technology wind*, 2016 (2).

Innovative LED. *Science & wealth*, 2015, 7(Z2).

## PROJECT EXPERIENCE

### Design of Online Shopping System Project

Nov - Dec 2021

#### Group Leader of Online Shopping System Project

- The system provides a platform for multiple companies to cooperate and sell commodities, and simulates the entire process of user ordering and commodity production, as well as the operations of creating, retrieving, updating and deleting objects.
- Created the MVC structure of the system in Java and JDBC. Used MySQL as the database.

### University of Science and Technology Beijing RoboCup Robot Design Project

Aug – Sept 2018

#### Group Member of RoboCup Robot Design Project

- Completed the action design and visual recognition of the robot NAO using Bhuman's framework in Python
- Won the 1st Prize in the final projects' competition

### University of Science and Technology Beijing CradleCup Application Design Project

Nov – Dec 2017

#### Group Member of CradleCup Application Design Project

- Designed the application named "You Know", which aims to help students search subject homework and test questions
- Designed the user interfaces of the application using Vue framework in JavaScript, HTML5 and CSS
- Won the 1st Prize in the final projects' competition

### University of Science and Technology Beijing Innovation and Entrepreneurship Program

Nov 2017 – Dec 2018

#### Research Member of Healthy Biological Clock System Program

- Connected traditional Chinese medical science with computer science by designing a system to show how Chinese medicine interprets human changes and performance related to weather and time
- Used Spring and MyBatis frameworks in Java to develop the back-end system
- Designed the user interface by using HTML5 and CSS