

# Fei Cao

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## Education Background

<b>Northeastern University</b>	Boston, MA
<i>Master of Science in Information Systems</i>	January 2023 - December 2024 (Expected)
<ul style="list-style-type: none"><li>Relevant Courses: Application Engineering and Development, Web Design and User Experience, Data Science Engineering, Concepts of Object-Oriented Programming, Program Structure &amp; Algorithms</li></ul>	
<b>Nankai University Binhai College</b>	Tianjin, China
<i>Bachelor of Engineering in Electronic Information Science and Technology</i>	September 2017 - June 2021

## Skills

- Software and Programming Languages:** JavaScript, TypeScript, Python, Java, HTML, CSS, SCSS, Git
- Frameworks & APIs:** React, Node.js, Express.js, RESTful API, Vue, Spring Boot, GraphQL, Angular
- Data Processing and Analysis:** PostgreSQL, Data Visualization, SQL, MongoDB
- Languages:** English (Fluent), Korean(Fluent), Mandarin (Native)

## Internship Experience

<b>Xiaomi Technology Co., LTD</b>	Beijing, China
<i>Operations Intern at Short Video on Television Group</i>	March 2021 - June 2021
<ul style="list-style-type: none"><li>Collaborated with creators to refine content and match user data for varied audiences</li><li>Utilized Xiaomi's data analytics platform to monitor real-time video play rates at various intervals</li><li>Used data analysis to choose top-performing videos for the front page, increasing viewer engagement</li><li>Increased video views 20% and front-page clicks 15% in 3 months by using analytics strategies</li></ul>	
<b>Shanxi Huaxiang Group Co., LTD</b>	Shanxi, China
<i>ERP Implementation Consultant Assistant</i>	July 2018 - September 2018
<ul style="list-style-type: none"><li>Participated in the development, testing, and launching of ERP system for the company</li><li>Responsible for the installation and operation and maintenance of ERP system</li><li>Carried out user training and collected feedbacks for improvement</li><li>Learned the procedure of software development and gained experience of project management</li></ul>	

## Project Experience

<b>Movie Rating Website (CinemaScoop)</b>	July 2023 - August 2023
<ul style="list-style-type: none"><li>Developed a movie classification platform website using ReactJS, Next.js, and MongoDB within a team</li><li>Implemented RESTful architecture to enable movie search, rating, and detailed movie information</li><li>Responsible for frontend development, using Next.js for modular programming and component-based architecture. Utilized Tailwind CSS for the design of the pages.</li><li>Integrated external APIs to populate the website with movie data</li></ul>	
<b>Restaurant Ordering System</b>	March 2023 - May 2023
<ul style="list-style-type: none"><li>Developed a functional restaurant ordering system using JavaFX and SQLite database</li><li>Used the SQLite database for efficient data storage and retrieval, ensuring the accuracy and reliability of information management</li><li>Responsible for content display after system login. Utilized JavaFX for UI design, performed CRUD operations on dishes via database connection, managed orders, and calculated total revenue</li></ul>	
<b>Task Management System Web Development</b>	February 2023 - April 2023
<ul style="list-style-type: none"><li>Designed and implemented an advanced task management system supporting multi-user collaboration.</li><li>Built a comprehensive RESTful API for efficient development and deployment.</li><li>Developed a dynamic frontend with React and Redux, alongside a JavaScript-based microservices backend; utilized MongoDB for task data storage and analytical queries.</li></ul>	

## Awards

- Nankai University Binhai College Top Tier Scholarship 2020, 2019, 2018
- Outstanding Student Leadership 2020, 2021
- Outstanding Volunteer at the 2021 Davos Conference