

Fei Cao

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Education Background

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

Skills

- Programming Languages:** JavaScript, TypeScript, JQuery, Java, HTML, CSS, SCSS, Git, Maven, Gradle
- 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 (Advanced), Korean(Fluent), Mandarin (Native)

Internship Experience

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

Project Experience

Movie Rating Website (CinemaScoop)	July 2023 - August 2023
<ul style="list-style-type: none">Developed a movie classification platform website using ReactJS, Next.js, and MongoDB within a teamImplemented RESTful architecture to enable movie search, rating, and detailed movie informationResponsible for frontend development, using Next.js for modular programming and component-based architecture. Utilized Tailwind CSS for the design of the pagesIntegrated external APIs to populate the website with movie data	
Restaurant Ordering System	March 2023 - May 2023
<ul style="list-style-type: none">Developed a functional restaurant ordering system using JavaFX and SQLite databaseUsed the SQLite database for efficient data storage and retrieval, ensuring the accuracy and reliability of information managementResponsible 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	
Task Management System Web Development	February 2023 - April 2023
<ul style="list-style-type: none">Designed and implemented an advanced task management system supporting multi-user collaborationBuilt a comprehensive RESTful API for efficient development and deploymentDeveloped a dynamic frontend with React and Redux, alongside a JavaScript-based microservices backend; utilized MongoDB for task data storage and analytical queries	

Awards

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