

Xia Liu(she/her)

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Aspiring software developer professional pursuing a degree in MS Computer Science. Proficient in a range of programming languages including Java, Python, and JavaScript, with experience in full-stack web development and database management.

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems	New York, NY
<i>M.S. in Computer Science</i> Concentration: Software Development and AI GPA:3.8 / 4.0	May 2025
Leshan Normal University	Leshan,China
<i>B.A. in Translation and Interpretation</i>	June 2018

RELEVANT COURSEWORK

- Java-objective oriented programming, Database Management System, Data Structure and Algorithm, Concepts & Structures in Internet Computing, Full Stack Entrepreneur application development, Artificial Intelligence

TECHNICAL SKILLS

Programming Language:Java, Python, C , JavaScript,C++, Shell, JavaScript. **Web Technology, Framework and Database:** HTML, CSS, Bootstrap,React,Next.js, Node.js, Express,Tailwind,MySQL, SQL,MongoDB,Angular, REST API,GraphicQL, **Others:** Pytorch, Tensorflow, Keras,Pandas

ACADEMIC PROJECTS / PERSONAL PROJECTS

Pleasantville Community Theater Group database design project | SQL Sep. 2023-Dec. 2023

- Lead a team 4 to design and develop a fully functional relational database in SQL to ensure efficient data management for the theater group including membership, donations and ticket sales.

FullStack E-Commerce Platform clone|Html,CSS,JavaScript,React.js,Node.js, Express, MongoDB 2024

- Developed an interactive frontend using React with hooks, HTML, CSS, and JavaScript for an intuitive shopping experience
- Implemented RESTful APIs with Node.js and Express to handle user authentication, product management, and payment processing.
- Implemented MongoDB for efficient data storage and retrieval of customer orders, product catalog, and user accounts.
- Integrated third-party payment gateways and added features for a smooth checkout process.

Portfolio|React,CSS,Tailwind,Vite 2023

- Developed a responsive portfolio website using React next.js for content rendering.
- Styled with CSS and Bootstrap for a modern, mobile-friendly design.
- Implemented an Express backend for managing form submissions and server-side functionality.

WORK EXPERIENCE

Sysdesign LLC New York, NY
Software technique development and support intern Sept. 2023 -Present

- Partly Managed and Collaborated with a Six-Person Team: Developed software system solutions that resulted in a 20% improvement on CAP and DB.
- Improved Cross-Team Collaboration: Facilitated seamless communication between development and operations teams, reducing project delays by 15% and improving overall workflow.
- Boosted Productivity and Quality: Integrated software design best practices, improving team productivity by 30% and elevating code quality.

Chengdu GUBT Industry Co., Ltd. Chengdu, People's Republic of China
Sales Account Manager July 2018 – June 2019

- Efficiently build business relationships, managing accounts and analyzing blueprints to drive company success.
- Executed parallel analysis of market trends and SEO performance to uncover opportunities for client acquisition; insights drove an increase in outreach efficiency by 60% and generated 100+ new business inquiries monthly.
- Successfully built cooperation with over 10 worldwide well-known companies and achieved the year sales target within six months.