

LI HE

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EDUCATION

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| Georgia Institute Of Technology, Atlanta, GA | Aug 2024 May 2026 |
| MS in Computer Science | |
| Arizona State University, Tempe, AZ | Jan 2020 Dec 2023 |
| BS in Computer Science, summa cum laude | GPA: 4.00/4.00 |
| • Courses: iOS Mobile App Development, Software QA and Testing, Introduction to Human-Computer Interaction | |




TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, C++, C#, HTML/CSS, SQL, Swift, MATLAB
- **Specialized:** React, Vue, REST, Spring Boot, Redux, Node, Next, Docker
- **Database:** MySQL, PostgreSQL, MongoDB, Redis, AWS-S3
- **Other:** Git, Maven, Saas, OAuth 2.0, JSON, XML, Swagger

PROFESSIONAL EXPERIENCE

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| China Telecom Corporation Limited Intern <i>Leading global telecommunications company</i> | China |
| Software Development Engineer | Mar 2024 - Jun 2024 |
| <ul style="list-style-type: none">• Developed a large-screen data display system with Vue.js and ECharts for Fenyi Industrial Park, addressing the need for real-time monitoring and informed decision-making, resulting in a 5% increase in main business revenue across 60 industries.• Engineered a comprehensive salary and KPI management system with Spring Boot and MyBatis Plus, solving inefficiencies in HR operations by introducing batch processing and Excel integration capabilities, enhancing operations by 20%.• Implemented secure login authentication and RESTful APIs using Spring Security with JWT tokens and Spring MVC to tackle security vulnerabilities and improve system functionality.• Adhered to Agile methodologies throughout the software development life cycle, actively communicated with stakeholders, and collaborated with cross-functional teams, earning commendations for promptly delivering high-quality software solutions. | |
| China Telecom Corporation Limited Intern <i>Leading global telecommunications company</i> | China |
| Front End Web Developer | Jun 2023 - Aug 2023 |
| <ul style="list-style-type: none">• Built a unified login platform and employee attendance system serving over 800 users with JavaScript, Vue.js, and Webpack, addressing the need for a streamlined and efficient login and attendance process, significantly improving user experience and overall company work efficiency by about 10%, and cutting administrative workload by 20%.• Optimized API management by encapsulating back-end communications using Axios, reducing API response time by 15%.• Collaborated closely with backend team members and was recognized as the top performer by the team lead. | |

PROJECT EXPERIENCE

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| Skyline Sneakers Website  GitHub Repository | Tempe, AZ |
| Arizona State University | Jan 2024 - Feb 2024 |
| <ul style="list-style-type: none">• Developed an e-commerce platform with separate functionalities for users and administrators using Next.js, React, and Tailwind CSS. Enhanced user interaction through server-side rendering for a seamless experience, utilizing JavaScript for dynamic client-side behaviors, which improved user engagement.• Implemented an authentication system with NextAuth.js to address security and user management needs, providing secure login features, including Google login. Used MySQL for transactional data and MongoDB for non-transactional data, reducing transaction processing time by 15%.• Optimized image storage by implementing a secure, cloud-based solution using Amazon S3, solving issues related to inefficient image storage and retrieval, improving image load times by 25% and reducing storage costs by 15%. | |
| ASU Administrative System  GitHub Repository | Tempe, AZ |
| Arizona State University | Aug 2023 - Nov 2023 |
| <ul style="list-style-type: none">• Led the front-end team in developing a web interface with Vue.js and JavaScript, and HTML/CSS, enhancing aesthetics and usability, and addressing the need for a more user-friendly and visually appealing interface.• Automated manual operations that were time-consuming and prone to errors, reducing faculty workload by 10%, and earning high praise during the capstone project exhibition for its practical impact. | |
| Microservice Task Management System  GitHub Repository | Tempe, AZ |
| Arizona State University | Feb 2023 - May 2023 |
| <ul style="list-style-type: none">• Led a team to design and implement a microservice architecture with Spring Boot, Spring JPA, and MySQL, deploying backend services in Docker containers to solve monolithic application constraints and enhance scalability and efficiency.• Directed the development of a responsive UI, utilizing React, Tailwind CSS, and JavaScript for dynamic content and structure, focusing on user-centered design and performance optimization to enhance user experience.• Managed AWS integration for secure assignment image storage, reducing data processing time by 20%, and utilized OpenFeign for seamless communication between microservices, ensuring efficient data flow and processing. | |