

ERINA JEAN LARA

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PROFESSIONAL EXPERIENCE

Light & Wonder (Las Vegas, NV) | Senior Associate Software Quality Assurance Engineer Oct. 2024 - present

- Ensured software quality adhered to **industry regulations** and standards with functional requirements utilizing XML scripting, network testing techniques, and black box testing
- Identified and documented 30+ defects during functional, regression, and product integration testing

JSat Automation Inc. (Glendale, CA) | Backend Software Engineer Nov. 2022 - Oct. 2023

- Effectively collaborated with lead engineers to develop a Python software suite for online training and record tracking, following standard system and software development practices, contributing to feature development, unit testing (Pytest), and utilizing **object-oriented programming**
- Ensured user accessibility and experience by following web development techniques, designing wireframes using Figma, and facilitating web design insight sessions with cross-functional teams
- Designed and created a Redis ORM as an internal package to optimize **data caching and storage**

JSat Automation Inc. (Glendale, CA) | Assistant Project Manager Mar. 2023 - Oct. 2023

- Enhanced project tracking and productivity by collaborating with technical leads for task delegation and project timeline management, utilizing project management tools and **agile methodology**
- Acted as a liaison between different verticals, ensuring seamless coordination and deliveries through timely completion of software and documentation deliverables (SRS, Architecture Design, Software Versioning, and API documentation)

SKILLS

- **Languages:** Python, Java, C#, HTML/CSS, C++, SQL, Javascript
- **Frameworks/Tools:** Git, ASP.NET, React.js, Visual Studio, Figma, Postman, Docker, AWS, qTest, Perforce
- **Project Management/Collaboration:** MS Office Suite, Confluence, Zoho Projects, Jira, Slack, Trello
- **Databases:** MySQL, SQL Server (MSSQL), PostgreSQL, Redis (NoSQL), Java DB (Derby)

EDUCATION

California State University, Long Beach (CSULB) | B.S. in Computer Science

- Relevant Courses: Data Structures, Algorithms, Software Development Life Cycle, Software Architecture

SELECTED PROJECTS

HomeView (C#, React.js, MSSQL, AWS, HTML/CSS) | Full-Stack Web Application | Team (5)

- Improved user browsing efficiency by combining media streaming databases to generate a recommendation database, using **asynchronous programming** and **REST APIs**, deployed with AWS
- Designed and implemented security, logging/archiving, user management, and rating/review features
- Collaborated with 5 software engineers for project planning and development through daily **SCRUMS**

Literature Library (Java) | Desktop Application | Team Project (3)

- Relational database utilizing Derby and JDBC API to maintain an inventory of novel information

Othello (C++) | Desktop Application | Individual Project

- Two-player Othello game that utilizes **dynamic memory management** with references/pointers