JOSE SEQUEIRA

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Website

EDUCATION

University of Kentucky, Lexington,KY   DECEMBER 2025
B.S. in Computer Science with Minors in Statistics and Mathematics   4.0 GPA
- Relevant Coursework: Intro to Program Design Abstraction/Problem Solving, Intro to Software Engineering, Discrete Mathematics, Multivariable Calculus, Fundamentals of Engineering Computing, Design of Logic Circuits, Statistical Methods and Motivations.

PROFESSIONAL EXPERIENCE

ERP Consulting Group, San Jose, Costa Rica   May 2023 – August 2023
Software Engineering Intern- Full-Stack Web Development and Database Management
- Developed a web app using MySQL (database), Java (server), and XHTML and JSF (front-end).
- Designed and executed MySQL schema for optimal data storage and retrieval.
- Executed Java-based data logic with a focus on object-oriented processing.
- Linked front-end and back-end via JSF for dynamic user interactions and content rendering.
- Collaborated with a team of developers, actively participating in code reviews, debugging, and troubleshooting to ensure code quality and system reliability.
- Worked closely with stakeholders to gather requirements and translate them into technical specifications, ensuring alignment between business needs and technical implementation.
- Demonstrated strong problem-solving skills, resolving complex technical challenges and proposing innovative solutions.

University of Kentucky-College of Arts and Sciences, Lexington, KY   August 2022 – Present
Desktop Support Specialist
- Provided technical support and troubleshooting for university staff and faculty, resolving hardware and software issues efficiently and effectively.
- Installed, configured, and maintained desktop systems, and software for peak performance.
- Managed system upgrades for university desktops, prioritizing compatibility and security.
- Managed and maintained an inventory of hardware and software assets, ensuring accurate records and timely procurement of necessary resources.
- Demonstrated excellent customer service skills, providing friendly and professional assistance to users while maintaining a high level of customer satisfaction.

SKILLS

Python, C++, Java, MySQL, HTML, CSS, Java Server Faces (JSF), Excel, Google Sheets, Git

PROJECTS, CERTIFICATIONS AND EXTRACURRICULARS (josesequeira.com)

- Projects: Quizlet++
  - Addressed a common educational challenge by creating Quizlet++, offering a solution to the memorization-intensive nature of chemistry concepts.
  - Utilized object-oriented programming principles to structure and organize the codebase of Quizlet++, ensuring maintainability and scalability.
  - Leveraged C++ programming skills to build the initial version of Quizlet++, showcasing adaptability in applying classroom knowledge to real-world solutions.
  - Transformed Quizlet++ into a Java-based application, demonstrating proficient self-learning and swift adaptation to new programming languages.
- Certifications: Google Data Analytics Certificate, Mathematical Thinking in Computer Science, Introduction to Java and OOP.
- Extracurriculars: Junior Tennis Player (National Champion and top 2000 globally), Model United Nations (Outstanding Delegate-USA-Security Council).