

Eric Gutierrez

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EDUCATION

Bachelor of Science in Computer Science

Expected: Spring 2024

University of Texas at Tyler

GPA 3.71

Relevant Courses: Programming Fundamentals, Object-Oriented, Data Structures and Algorithms, Information Management, Software Development, Computer Organization, Computer Architecture, Algorithm Analysis

Associate of General Studies

Spring 2020

Tyler Junior College

GPA 3.51

Member of Honor Society *Phi Theta Kappa*

SKILLS

- Technical Skills: Java, HTML, CSS, JavaScript, C++, Spring Boot, React.js, MongoDB, REST APIs, AI, Naive Bayes classifier, SQL
- Soft Skills: Teamwork, Communication, Adaptability, Resilience, Leadership, Strategic Thinking

PROJECTS

Job Harvester

Python, JavaScript, HTML, CSS | Spring 2024

- Designed Job Harvester, a Chrome extension to improve job application tracking by automating hourly and weekly checks for new emails and ghosted application statuses. By integrating Chrome's Alarms API, this tool accelerates job management routines by 93%.
- Trained two AI models using the Naive Bayes classifier, achieving 90% accuracy in filtering, and categorizing job emails. This system distinguishes between job offers, rejections, and interview invitations, reducing manual email sorting by up to 80% for users.
- Optimized API usage by implementing data-fetching strategies mechanism, staying within rate limits. This approach reduced unnecessary server requests by over 90%, enhancing the tool's efficiency.

Media Inventory System

Java, Spring Boot, React.js, MongoDB | Fall 2023

- Developed a Media Inventory Web Application for book inventory management, enhancing load times and user experience through an efficient paging mechanism displaying 20 books per view.
- Integrated a feature for the Google Books API into the Media Inventory Web Application, significantly reducing API calls from about 1000 to nearly zero, optimizing resource utilization.
- Engineered an optimized table for the Media Inventory Web Application, resulting in a 63% uplift in inventory management efficiency, and significantly cutting down time for entries, updates, and data retrieval. <https://github.com/TheEMG/Media-Inventory-System>

Libro Vault

Java, Spring Boot, React.js, MongoDB | Fall 2023

- Spearheaded the development of a Personal Library Web Application, leveraging Java, Spring Boot, MongoDB, and React.js. The application efficiently manages a catalog scalable to hundreds of books, ensuring robust performance and user-friendly interactions.
- Led a team of 5 through 30 Agile sprints over 15 weeks, completing the Personal Library Web Application one week ahead of the 15-week deadline, which showcased our ability to enhance team efficiency and expedite product delivery. <https://github.com/TheEMG/LibroVaultFinal>

Personal Web Portfolio

Next.js Tailwind CSS | Spring 2023

- Engineered a responsive portfolio with Next.js and Tailwind CSS, securing Lighthouse scores of 94/100 for performance and accessibility, indicative of swift load times and broad device compatibility.
- Crafted a user-centric navigation framework, accommodating diverse projects and ensuring intuitive access. The portfolio's superior SEO optimization is evident with a Lighthouse score of 100/100, enhancing search engine visibility. <https://ericgutierrezdu.com/>

CERTIFICATIONS

IBM Full Stack Software Developer Professional Certificate – IBM (Coursera)

Spring 2024

- Skills Acquired: HTML, CSS, JavaScript, React.js, Python, Flask, Cloud Computing, Git, GitHub.
- The curriculum covers both front-end and back-end technologies, emphasizing implementing solutions that leverage the scalability and flexibility of cloud-native architectures.
- Engaged in a series of hands-on projects to reinforce and apply core full-stack development skills in real-world scenarios, thereby increasing my adeptness across the entire software development spectrum.

WORK EXPERIENCE

John Soules Food (Beef Trim)

Fall 2021

- Collaborated effectively within a team environment, contributing to a 23% increase in meat processing productivity through enhanced efficiency and teamwork.
- Rapidly transitioned across multiple meat processing roles, enhancing line efficiency by 27%.