

Tara Thaman

Achievements

1. Developed a novel, multi-threaded image processing algorithm resulting in a 35% performance improvement over existing solutions, as demonstrated in the final project for CS345 (Advanced Algorithms). This algorithm was successfully integrated into a prototype medical imaging application.
2. Designed and implemented a secure, scalable web application using React, Node.js, and PostgreSQL for the CS490 (Capstone Project) course, achieving 99.9% uptime during a two-month simulated production environment test involving over 500 concurrent users. The application incorporated robust security measures including user authentication, authorization, and input validation.

Skills

- * Proficiency in at least one programming language (e.g., Python, Java, C++)
- * Data structure and algorithm design
- * Database management (SQL, NoSQL)
- * Software development lifecycle understanding
- * Version control (Git)

Personal Info

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Career Objective

To secure an entry-level software development role leveraging skills in data structures, algorithms, database management, and software development lifecycle principles. Seeking an opportunity to contribute to a dynamic team and further develop expertise in [mention specific area of interest, e.g., cloud computing, AI/ML].