ERIK JENSEN
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EDUCATION:

Central Connecticut State University, New Britain, CT   *August 2022 - December 2025*
Bachelor of Science (Computer Science), Minor in Mathematics (Non-Teaching)

Relevant Courses: Systems Programming, Machine Learning, Web Programming, Computer Security, Algorithms, Programming Languages, Mobile App Development, Computer Architecture, Software Engineering

Activities:
- Computer Science Club | Vice President   *January 2025 - Present*
- President's List   *Fall 2022*
- Dean's List   *Spring 2023 - Present*

SKILLS:

Programming Languages: Java, Python, C, JavaScript, PHP, SQL, HTML/CSS, Assembly, Verilog
Tools & Technologies: Node.js, Git (Version Control), Bootstrap, jQuery, Object-Oriented Programming
Soft Skills: Leadership, Teamwork, Communication

PROJECTS:

RiffIndex | PHP, SQL, JavaScript, jQuery, Bootstrap, HTML/CSS   *September 2024 - December 2024*
Developed a full-stack, locally hosted website for rock fans with a small team, ensuring a responsive front end and a well-structured backend
- Implemented a clean and responsive UI/UX utilizing Bootstrap CSS, JavaScript, and jQuery for seamless cross-device compatibility
- Optimized multi-developer collaboration on GitHub, utilizing branching strategies to manage feature development, and minimizing merge conflicts through structured workflows.
- Parameterized Queries and Input Sanitization mitigate security risks, highlighting secure software design
- Applied DRY principles for database efficiency, utilizing PHP middleware for streamlined functionality

ATM | Java, Python   *Fall 2023 - Fall 2024*
Created an object-oriented virtual ATM system, simulating core banking operations like account creation, deposits, and withdrawals; robust security was added once it was ported to Python
- Integrated file-writing mechanics and object-oriented programming, producing efficient record keeping of data, including unique user IDs, passwords, and balance values
- Application of inheritance, polymorphism, and encapsulation required advanced Java concepts while maintaining concurrent operations
- Implemented various encryption methods (hashing, salting, block ciphers) to protect user data, demonstrating the ability to assess security risks
- Practiced multi-file program coordination with inheritance, ensuring a modular and maintainable codebase

WORK EXPERIENCE

LaBonne's Market | Watertown, CT   *May 2023 - Present*
Produce clerk serving customers fresh product and maintaining organization of inventory
- Train new employees and delegate tasks, recognized by management for leadership and reliability
- Collaborate with team members to provide exceptional service and assist with daily operations
- Responsible for managing inventory, creating edible arrangements, and stocking shelves