JULIA LOKERSON

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OBJECTIVE

Seeking an internship position in software development to apply my education and hands-on experience with programming languages, algorithms, and web development.

EDUCATION EXPERIENCE

Bachelor of Science in Computer Science   August 2025 - December 2025

Minor: Digital Production Arts

Clemson University

GPA: 3.71 / 4.00

- Studied data structures and algorithms fundamental to computer science
- Learned the fundamentals of the creation, development and upkeep of webpages

Masters of Science in Computer Science   January 2026 - December 2026

Clemson University

- Accelerated study of master's level courses during undergraduate degree
- Learned from nationally recognized faculty, gaining insights through expertly designed and delivered coursework
- Developed real-world skills through practical assessments and training with professional-grade tools and resources

RELEVANT COURSEWORK

Word Ciphers and Decoders   August 2022 - August 2023

Clemson University

- Created Python programs to encode and decode text using various cipher techniques
- Developed a tool to automatically decipher encoded text by analyzing patterns and testing common encryption methods
- Designed custom word search algorithms that efficiently locate anagrams, applying knowledge of recursion and backtracking to optimize performance

Mock Shopping Website   May 2024 - August 2024

Clemson University

- Developed a mock e-commerce website using HTML and Ruby
- Implemented shopping cart functionality, product display, and a basic checkout system

Game Development Projects   August 2024 - December 2024

Clemson University

- Programmed games such as Tic Tac Toe and Checkers using Java, and 2D platformers in Pygame
- Focused on implementing game logic, user interfaces, and ensuring smooth gameplay experiences
- Applied object-oriented programming principles and debugging complex game scenarios

WORK EXPERIENCE

Jenkinson's Aquarium Gift Shop, Point Pleasant, New Jersey   *Staff*   2019 - Present

Spring Lake Bath and Tennis Club, Spring Lake, New Jersey   *Wedding/Event Busser*   2023 - Present

HONORS AND ACTIVITIES

Clemson University Student Chapter of Association for Computing Machinery (ACM), Member 2023

Clemson University Upsilon Pi Epsilon International Computer Science Honor Society, Member 2024

Clemson University Dean's List, 2022-2025

TECHNICAL SKILLS

Proficiency in Python, JavaScript, C, C++, C# and Ruby for various software development tasks.

Foundational skills in 3D modeling using Maya 2024

Developmental skills in Unity

Expertise in 2D design and digital illustration using Procreate and Clip Studio Paint.