Abby L. Hudson

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OBJECTIVE: Internship position in Computer Science beginning summer 2022.

EDUCATION

North Carolina State University, Raleigh, NC
B.S. in Computer Science
GPA: 3.72 / 4.00

Relevant Courses:
Introduction to Programming - Java, Software Development Fundamentals with Lab, Discrete Math, Data Structures and Algorithms, C and Software Tools, Linear Algebra

TECHNICAL SKILLS

Java, C, Git, Jenkins, Eclipse, MS Excel

WORK EXPERIENCE

Teaching Assistant, North Carolina State University, Raleigh, NC
December 2020 - Present, 15hrs/week.
- Part of Google-sponsored Peer Teaching Fellows for CSC 216 - Software Development Fundamentals.
- Holds office hours to assist students in debugging their code and answering questions.
- Teaches a lab that involves students in small groups utilizing object-oriented programming skills learned in class.

Community Assistant, North Carolina State University Housing, Raleigh, NC
July 2020– September 2020, 20hrs/week.
- Provided excellent customer service using excellent interpersonal skills.
- Completed clerical tasks given by supervisor, including documenting logs in a spreadsheet, maintaining information within a portal, and keeping up with mail, packages, and key distribution.

ACADEMIC PROJECT EXPERIENCE

Word Cloud Java Application (2021) - Implemented code for the purpose of creating a word cloud given a text file, including functionality for sorting all the words by frequency or alphabetically. Created an extensive design document and experimental report for utilizing different types of maps and lists to analyze their runtimes.

Pseudocode Interpretter C Program (2021) - Created own unique pseudocode text files and created multiple functions for interpreting and executing it. Included functionality for printing statements, arithmetic, comparison, and logic operations.

HONORS AND ACTIVITIES

Dean's List (Fall '19-Fall'20), Women in Computer Science, Society of Women Engineers, Pack Promise Scholars, TRIO Collegiate Scholars, Travel, Music