**Sarah R Judd**

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**Education**

**Rhodes College**, **Memphis, TN Fall 2019-Fall 2022**

* Bachelor of Science in Computer Science, Minor in History
* GPA: 3.26 major; 3.67 minor; 3.45 overall
* Dean’s List (Fall 2018-Spring 2019)
* Completed Computer Science Classes: Computer Organization, Data Structures and Algorithms, Operating Systems, Advanced Algorithms, Data Mining, Databases

**Experience**

**Rhodes College Computer Science Department Spring 2022**

*Senior Capstone Project, Memphis, TN*

* Created and developed the backend of an android app called Foster Finder using Firebase.
* Learned how to closely collaborate with others in a coding environment

**Global Women in Herpetology Spring 2022**

*Web Development Intern, Memphis, TN*

* Developed a search page for the member directory using Velo by Wix
* Learned how to independently prioritize responsibilities and manage the project outcome

**Rhodes College History Department**  **Fall 2019- Fall 2021**

*Student Assistant, Memphis, TN*

* Aided with the day-to-day operations of the History Department, including assisting the professors and the department head
* Learned how to work efficiently and communicate well in a team environment

**Gap Year Fall 2022- Fall 2023**

* Took a year off to help my parents during health struggles and to be available for opportunities to travel
* Taught myself HTML and CSS to get back into coding and created a website for my professional use

**Academic Projects**

* Implemented an auto-complete and auto-correct function using the quicksort algorithm and a hash table map. A library of words was created using an assortment of New York Times articles. (Java)
* Simulated the poker game Baccarat using POSIX threads, mutex locks, and shared memory. When called from the command line, takes an int argument that determines how many rounds will be simulated with the total results summarized at the end. (C)

**Activities**

* “Women and the Occult” published in Rhodes Historical Review **April 2022**
* Member of Phi Alpha Theta (History Honor Society) **2019-2022**
* Girl Scout (Bronze and Silver Award) **2006-2018**

**Skills**

* Proficient with C, JavaScript, and VIM
* Familiar with Java, HTML, CSS, SQL, and Python
* Proficient in Microsoft Office, including Excel
* Experienced writer
* Teamwork
* Attentive Listener