

## Sarah Albright

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**EDUCATION: The University of Texas at Austin, Austin, TX** December 2025

*Bachelor of Science, Computer Science GPA: 3.5 cumulative*

### PROJECTS:

- **Novel Ideas: An IOS app to bring together like minded book worms**
  - Developed an iOS app with Storyboard, Swift, Google Books API, and Firebase, serving as a social media platform for book enthusiasts.
  - Features include tracking books, customizing categories, joining book clubs, setting reading goals, and managing announcements.
- **Midnight Manager:** An award winning scheduling algorithm
  - Created a Python algorithm for employee scheduling during a hackathon, incorporating availability, work hours, and location.
  - Designed a weighted randomization system to prioritize employees needing more hours while maintaining fairness.
  - Awarded the UT category prize at the annual WICS hackathon.
- **Dues Bot:** A Discord Bot that tracks an individual's debt to another member of the Discord server
  - Designed a Discord bot using Discord.js, Node.js, and MongoDB to manage and track debts between users.

### EXPERIENCE:

**University Housing and Dining, Austin, TX**

November 2021 - December 2024

*Student Security Coordinator Student Manager*

- *Ensured the safety and security of student housing by monitoring access, checking in guests, and addressing unauthorized entries through card swiping and camera reviews.*
- *Responded to calls, handling inquiries ranging from noise complaints to parental concerns, while maintaining strict confidentiality protocols.*
- *Managed team schedules, shift substitutions, and attendance tracking through custom-designed Excel spreadsheets and a work Canvas page.*

**Net Data, Sulphur Springs, TX**

June 2022 – August 2022

June 2023 – August 2023

*Software Intern*

- *Collaborated on the development of an internal website for the customer service department to streamline the processing of returned mail, improving efficiency with automated database flagging for address changes.*
- *Focused on frontend development, enhancing the user interface for seamless functionality.*
- *Managed and optimized APIs to ensure accurate delivery of customer-related data from the database to the company's website.*