

# JANILOU SY

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## EDUCATION

### **University of Alabama in Huntsville**

*Bachelor of Science in Computer Science*

*Minor: Mathematics*

*Cum Laude (GPA: 3.68)*

Huntsville, AL

Graduation Date: December 2022

## RELEVANT COURSEWORK

### **Web Applications using ASP.NET**

- Razor Pages Syntax, Page Model Basics, CRUD Operations with Entity Framework Core

### **Front-end Web Development**

- Basic HTML tags, HTML Styles (CSS 3), Bootstrap 4, Document Object Model (DOM), HTML elements with JavaScript, jQuery framework

### **Design and Analysis of Algorithms**

- Time & Space Complexity Analysis, Problem Classification, Basic Algorithm Techniques (e.g., Sorting & Selection)

### **Object-Oriented Programming**

- Object-Oriented Design Process, Design Patterns, Advanced Data Structures, UML Diagrams

### **Data Structures**

- Linear & Non-Linear Data Structures, Abstract Data Types

## SKILLS

- Languages: C#, Java, C++, C, Python, JavaScript, HTML5
- Proficiency: SQL Syntax, LINQ, Git, Photoshop
- OS: Windows, Linux

## PROJECTS

### **Women's Gymnastics Scoreboard**

*Undergraduate Senior Project*

- Designed the base structure and the data storage of the application in Java
- Integrated the program structure with a Java Swing GUI
- Designed a prototype of the application interface

### **Tip My Waiter**

*Personal Project*

- Programmed and designed an application that calculate tips; written with HTML, CSS, and JavaScript

## EXPERIENCE

### **Great American Cookies**

*Shift Leader*

Huntsville, AL

February 2021-March 2022