

Allie Costner
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EDUCATION

University of North Carolina at Charlotte

Bachelor of Arts in Computer Science
Concentration: Information Technology

May 2023 - May 2025
GPA: 3.8 | Expected Magna Cum Laude

University of North Carolina at Charlotte

Bachelor of Science in Psychology
Concentration: Public Health

August 2021 - May 2023
GPA: 3.9 | Summa Cum Laude

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, SQL, Golang, C#, MySQL

Tools: Excel, VS Code, Figma, Git, Lucid-Chart, Docker, Microsoft, Pycharm

PROJECTS

Woodward ZapMapper | Python, MySQL, JavaScript, HTML, CSS

- Collaborating in a team of 6 individuals.
- Developed a web application for real-time data validation/identification and visualization of functional electrical outlets on the bottom floor of the Woodward Building. Integrated real-time data collection and an interactive floor plan to enable users to easily locate operational outlets, enhancing accessibility and efficiency.

[Golang Grub](#) | Golang, SQLite, HTML, HTMX, CSS, JavaScript, Spoonacular API

- Collaborated with a team of 6 individuals to develop "Golang Grub": a web application that allows users to receive random recipes, recipe information, as well as similar recipes from Spoonacular API.
- The users can login/register their profile on GolangGrub, as well as save and delete favorite recipes. This data is saved in our SQLite database.

TaleChat | Python, OpenAPI,

- Collaborated with a team of 3 individuals at a UNCC Hackathon, sponsored by Girls Who Code.
- Developed "Talechat," an interactive chatbot where users provide story details to create ongoing narratives. Used OpenAPI with Python to retrieve story updates and keep the user experience engaging

Auction Database | Java, PostgreSQL, Docker, Spring Boot, Postman

- Auction platform utilizing Java for backend functionality, as well as PostgreSQL for database management, storing user data, auction listings, bids, etc. Spring Boot was implemented to streamline RESTFUL services and manage user interactions.
- Key features include auction creation, bid management, auction removal, a notification board for auction end times, a question board, and automatic identification of auction winners.

WORK EXPERIENCE

UNC Charlotte, Charlotte, NC

Professional Notetaker August 2024 – December 2024 • Professional notetaker for Dr. Ali Sever in the course "History of Programming Languages". Notes are posted for other students to use as a resource for quizzes, exams, and assignments.

UNC Charlotte, Charlotte, NC

Teaching Assistant (TA) January 2023 – May 2023 • Undergraduate Teaching Assistant for an Introductory Brain & Behavior Course. This involved activities such as assisting the professor with grading assignments and exams. • Conducted and managed group study sessions

EXTRACURRICULAR

Girls Who Code at Charlotte

May 2023 - Present

Student organization aimed to provide a supportive and learning environment for Women in Stem.

- Attended hackathons, coding workshops, and presentations on networking in the field.