Amelie Willett

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EDUCATION

Berry College, Mount Berry, Georgia   **Anticipated Graduation: May 2025**

Bachelor of Science, Computer Science | Creative Technologies minor   **GPA: 3.5/4.0**

SUMMARY OF SKILLS

- Expertise in translating clients' conceptual visions into well-defined product solutions while leveraging industry knowledge to optimize outcomes
- Understanding of multiple programming languages including Java, HTML, and Python
- Analytical thinker and problem-solver with patience and determination to resolve technical and client issues
- Active listener and persuasive speaker skilled in long- and short-form written communication
- Commitment to team environment with capacity to lead or work independently in profit or nonprofit sectors
- Skilled in Adobe Photoshop, Canva, and Adobe Express for creating and enhancing visual content efficiently.

RELATED EXPERIENCE

Lead Computer Science Teaching Assistant, Berry College   **August 2022–Present**

- Tutors students in problem-solving and troubleshooting in-class assignments in DrRacket and Java
- Trains students on different methods to solve variety of problems
- Oversees and distributes grading tasks to lower-level teaching assistants

PROJECTS

kit-builder.io | Project from Web Development Course   **Fall 2023**

- Created interactive website to help Splatoon players design and post favorite gear, weapons, and abilities
- Developed kit-builder.io utilizing PHP, HTML, CSS, and JavaScript for web development class
- Utilized CSV files to contain and select weapon/gear/abilities images from database

A* Search GPS | Project from Artificial Intelligence Course   **Fall 2023**

- Used A* Search Algorithm to identify the optimal route between specified starting and destination cities, utilizing a database
- Created two cost formulas to determine distance and time taken to drive on the road (based on speed limit), resulting in list and graph demonstrating efficiency

RELEVANT COURSES

CSC 245: Web Technologies and Programming

- Designed and deployed functional websites using HTML, CSS, JavaScript, PHP, AJAX, SQL, XML

CSC 420: Advanced Topics: AI

- Devised artificial intelligence programs to solve problems from the ground up (e.g. Connect Four) and acquired knowledge about machine learning algorithms

ADDITIONAL EXPERIENCE

Peer Educator, Berry College Counseling Center | Mount Berry, GA   **August 2022–May 2024**

- Taught students about subject matter related to mental health issues and healthy habits including stress management, body image, alcohol/drug usage, depression, anxiety, and suicide
- Collaborated with team to plan and implement events to further promote these ideals on campus
- Designed informative and insightful social media posts about healthy habits/mental health topics

HONORS AND ORGANIZATIONS

Dean's List Spring 2022, Fall 2022, Fall 2023

O. Wayne Rollins Student Work Award | Berry College Lifeworks Program | April 2024