Oluchi Elijah

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Education

University of South Carolina — Columbia, SC

Bachelor of Science in Computer Science, Minor in Business Administration — August 2024 - May 2027

Relevant Coursework: Algorithmic Design I, Computing in the Modern World

University of Alabama — Tuscaloosa, AL

Bachelor of Science in Computer Science — August 2023 - May 2024

Projects

Weight Management Calculator + Projection Model | JavaScript, Java, HTML, CSS — November 2024 — Present

- Developed a comprehensive web application that calculates Basal Metabolic Rate (BMR) and Total Daily Energy Expenditure (TDEE), providing users with personalized calorie recommendations for weight loss or gain.

- Implemented a weight projection model that estimates future weight changes based on caloric intake, helping users plan long-term health and fitness goals.

- Designed a nutrition guidance feature offering tailored protein intake recommendations, optimal protein timing, and portion sizing tips to enhance user wellness and support fitness objectives.

HTML/CSS Website Development | HTML, CSS — November 2024

- Designed and developed a fully responsive website using HTML and CSS to showcase the process and deliverables of a Weight Management Calculator + Projection Model project.

- Implemented responsive design techniques to ensure cross-device compatibility, enhancing user experience across desktop, tablet, and mobile devices.

Skills

Languages: JavaScript, Java
Other: HTML, CSS

Activities

- **Athlete**, *NCAA Division I Track and Field Team* — August 2023 - Present
  - Committed 25 hours per week to training and competitive play while maintaining course load
  - Developed strong discipline, teamwork, leadership, and resilience through consistent training, competition, and collaboration with coaches and teammates