

Mikenna Cooper

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EDUCATION

University of South Carolina – Columbia SC

May 2029

Bachelor of Science in Computer Science

- Honors and Awards: Dean Scholar, Stem Scholarship, Capstone Scholar

SKILLS

Programming: Python, Java, Processing, Lua, HTML

Tools: Office365, GitHub, Logisim, Roblox Studio, Processing, Virtual Studio Code

WORK EXPERIENCE

Hair Business

Columbia, SC

Business Owner/Stylist

August 2023 – Present

- Developing full dynamic website for personal hair styling business. Including a booking system with client intake forms, service gallery, and contact management to streamline client communication.

Elliot Realty

North Myrtle Beach, SC

Housekeeper

May 2025 – Present

- Manage responsibilities with integrity and reliability, consistently completing tasks on time and above quality standards.
- Demonstrate attention to detail and strong work ethic to support positive guest experiences during their vacations.

Burlington Coat Factory

North Myrtle Beach, SC

Cashier

May 2023 – July 2023

- Provided excellent and adaptable customer service by maintaining professionalism and optimism in high-stress situations.
- Strengthened multitasking skills and ability to meet the diverse needs of over 200 customers daily.

RESEARCH EXPERIENCE

University of South Carolina

Columbia, SC

Undergraduate Researcher

June 2024 – July 2024

- Prepared and augmented a dataset of over 20,000 white blood cell images to support machine learning classification of Trypanosoma Cruzi, the Chagas disease parasite.
- Applied Python libraries (NumPy, Pandas, Open CV) for processing, augmentation, and dataset expansion.
- Strengthened skills in data science, image processing, and applies machine learning while contributing to improving model robustness.

LEADERSHIP EXPERIENCE

South Carolina Governors School for Science and Mathematics

Hartsville, SC

Student Ambassador

August 2024 – May 2025

- Led campus tours and shadow days for prospective students, effectively communicating school culture and opportunities.
- Coordinated and directed major promotional events, ensuring smooth scheduling and guest flow throughout campus.
- Collaborated with staff and fellow ambassadors to create welcoming, informative experience for hundreds of visitors.

PROJECTS

Game Design Project

Hartsville, SC

Developer

January 2024 – May 2024

- Designed and programmed a narrative-driven simulation game in Java (Processing) in under four months, featuring 3 in-game days and 6 unique endings.
- Build a custom 300-line branching dialogue system that dynamically tracked player choices and calculated scores in real time.
- Integrated original visuals, sound design, and music to create an immersive user experience.
- Implemented a data storage system to record player decisions and display daily performance summaries.
- Awarded Game Design Award from the South Carolina Governor's School for Science and Mathematics.