

# 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 created 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.