

Savion Brown

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Education

Claflin University, Orangeburg, SC
Bachelor of Computer Science in May 2026
G.P.A 3.6/4.0

Relevant Courses

- Discrete Math
- Fundamentals of Programming
- Intro to Obj-Oriented Program
- Intro to Digital Logic Design
- Data Structures & Algorithms
- Computer Org and Architecture

Technical Skills

- Java
- Python
- HTML
- Terraform
- C
- Bicep

Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900) June 2025

Experience

Technology Consulting Intern, Protiviti
Charlotte, NC

May 2025 – July 2025

- Supported cloud infrastructure projects within the Technology Consulting solution, focusing on deploying Microsoft Azure resources using Bicep and Terraform.
- Gained hands-on experience with Infrastructure as Code (IaC) practices, automating resource deployment and configuration.
- Collaborated in Agile sprints, contributing to backlog refinement, sprint planning, and daily stand-ups.
- Worked closely with DevOps pipelines and version control to ensure efficient, reliable deployments.

Data Science Team Member, Claflin University

Claflin University, Orangeburg, SC

January 2025 – Present

- Partner with the Athletics Department to collect, clean, and analyze player and team performance data to generate actionable insights.
- Develop game outcome predictions using statistical models and data analysis techniques.
- Create detailed scouting reports combining quantitative metrics with qualitative insights to support coaches' game strategies.
- Utilize tools such as Excel and Python for data visualization and reporting.

Machine Learning Research Intern – Kinard Physics Lab

Clemson University, Clemson, SC

June 2024 – August 2024

- Conduct research on Lithium-Ion batteries, focusing on thermal properties and battery performance.
- Developed and implemented machine learning models in Python to predict the thermal properties of new materials by analyzing FLIR thermal images of reference objects.
- Built predictive models to forecast battery discharge cycles and estimate State of Health (SoH) using voltage and temperature profile data.
- Applied data science techniques to contribute to innovative battery diagnostics and safety advancements.

Academic Success Tutor, Claflin University

September 2023 - Present

- Provide peer tutoring to Claflin University students in need of academic support, helping them strengthen foundational and advanced math skills.
- Tutor students in courses including Pre-Calculus, Calculus I, and Calculus II, focusing on improving problem-solving abilities and conceptual understanding.
- Foster a supportive learning environment and adapt explanations to meet diverse learning styles.

Activities/Awards

- Member of the Claflin University Alice Carson Tisdale Honors College August 2022 - Present
- Participated in MSEIP Summer Camp for STEM majors June 2022 - July 2022
- Lincoln Financial Scholars Scholarship Recipient
December 2024

Organizations

- Claflin University National Society of Black Engineers (NSBE) Chapter October 2022 - Present
- Claflin University Friends of the Earth/Audubon Chapter September 2023 - Present
- SC Public Health Preparedness Student Corps, Claflin University. May 2024 - Present
- Senate of the Department of Natural Sciences and Mathematics August 2024 - Present