A'Yanna Rouse

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Education

Boston University College of Arts and Science <div align="right">Boston, MA</div>

Bachelor of Arts Computer Science & African American and Black Diaspora Studies, GPA: 3.25 <div align="right">May 2025</div>

Awards: International Baccalaureate Diploma, Dean's List

Coursework: Python, Discrete Math, Calculus, Data Structures & Algorithms, Computer Systems, Probability & Statistics, Software Engineering, Intro to Machine Learning, Web Development, Data Analysis

Technical Skills

Programming Skills: Shell Scripting, CSS, HTML, JavaScript, Java, Python, C#, SQL

Frameworks/Libraries: Django, Express.js, MongoDB, Mongoose, React, RESTful APIs, Node.js, Pandas, NumPy

Programming Software/Tools: Adobe CC, Anaconda, Azure, Figma, Google Workspace, Google Cloud Platform, Git, Glitch, GitHub, GitLab, Jupyter Notebook, Linux, Microsoft Office, Power BI, Tableau, Unity, Visual Studio, WordPress

Technical Projects

- **Connect Four**: Engineered a Connect Four game featuring AI opponents that anticipate optimal moves, demonstrating proficiency in Python programming for cybersecurity applications.
- **Phisherman's Quest**: Developed and launched a Unity game, educating 100+ users on phishing threats; demonstrated advanced game development skills and enhanced security awareness.
- **Travel Memory Journal**: Led design and implementation of a React-based platform for travel journaling, enabling users to chronicle and reflect on their travels securely.

Work Experience

BU Undergraduate Research Opportunity Program <div align="right">Boston, MA</div>

Student Research Assistant <div align="right">June 2024 – Aug 2024</div>

- Engineered and led a digital engagement campaign using Minecraft, increasing awareness of Africana Diaspora Religions by 35% within 3 months.
- Streamlined research methodologies, enhancing data collection efficiency and improving project timelines by 20%.
- Received faculty commendation for innovative approaches in integrating technology with humanities research.

RSM US LLP <div align="right">Minneapolis, MN</div>

Information Technology Intern <div align="right">June 2023 – Aug 2023</div>

- Contributed to the IT digital strategy team, analyzing data to forecast 12-month spending across licensing categories.
- Created interactive dashboards on Excel for Microsoft 365, Azure, and Dynamics, projecting a 7% spending rise.
- Directed insights to the IT team, highlighting efficient spending strategies and licensing cost optimizations, resulting in a 20% reduction in annual software expenses.

Boston University Wheelock College of Education <div align="right">Boston, MA</div>

Senior Administrative Technology Specialist <div align="right">Oct 2021 – May 2022</div>

- Managed event reservations for 114 faculty/staff members and 100+ instructional materials using Google Workspace.
- Delivered on-site technical support to more than 50 faculty and students, resulting in a 20% increase in satisfaction.
- Handled daily 20+ inquiries, ensuring seamless service request transitions through technological solutions.

Leadership and Professional Development

Management Leadership for Tomorrow (MLT) <div align="right">Boston, MA</div>

Career Preparation Fellow <div align="right">March 2023 – Present</div>

- Accepted into a selective 18-month professional development program for high-achieving, diverse talent.
- Completed business case studies and assignments, enhancing leadership and technical skills, and achieving top marks in 90% of projects.
- Attended conferences hosted by 50+ industry leaders like Deloitte, LinkedIn, and Dell.

Girls Who Code (GWC) <div align="right">New York, NY</div>

Leadership Academy Fellow <div align="right">August 2023 – Dec 2023</div>

- Completed a 4-month leadership development and career readiness program with senior leaders and engineers at RTX.
- Computed a Unity game, educating over 100 users on phishing threats and enhancing security awareness.

America On Tech (AOT) <div align="right">Boston, MA</div>

Data Science Fellow <div align="right">May 2022 - June 2022</div>

- Collaborated with 20 students for 6 weeks to learn about different topics in Data Science.
- Programmed data science assignments utilizing Python, Python Libraries, SQL, and Machine Learning.
- Presented a 10-minute presentation to my cohort on my final project.