

# A'Yanna Rouse

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## Education

### Boston University

*Bachelor of Arts Computer Science & African American and Black Diaspora Studies*

Boston, MA

May 2025

### Affiliations:

Rewriting the Code • ColorStack • Girls Who Code • America On Tech • MLT • NSBE • Reboot Representation • CodePath • Project Glimmer • AnitaB.org • WiCyS • HeadStarter AI • Women in Cloud

## Technical Skills

**Languages & Softwares:** Python, Java, JavaScript, Typescript, Shell Scripting (Python, Bash), OCaml, SQL, C#

**Frameworks & Libraries:** Django, Express.js, Firebase, Mongoose, React, RESTful APIs, Next.js, Pandas, NumPy

**Tools & Platforms:** Google Cloud Platform, Git, Figma, Linux, Microsoft Office Suite, MongoDB, Power BI, Tableau

## Certifications

[Google Cybersecurity Professional Certificate – Coursera \(June 2025\)](#) • Certificate ID: 6NLAV8ANQHCO

## Experience

### IT Help Desk Technician

Boston, MA

*Boston University Metropolitan College*

Sep 2024 – May 2025

- Provided technical and operational assistance to **500+ faculty, staff, and students** across the Metropolitan college.
- Resolved **20+ technical issues monthly**, collaborating with stakeholders to prioritize urgent needs and satisfaction.
- Managed **50+ service requests monthly** via ServiceNow, prioritizing and tracking tickets for efficient resolution.

### Undergraduate Research Assistant

Boston, MA

*Boston University Undergraduate Research Opportunity Program*

June 2024 – Aug 2024

- Developed a digital campaign in Minecraft to increase awareness of African Diasporic Religions **within 3 months**.
- Collected user feedback and condensed complex religious practices into in-game narratives and educational dialogue.
- Improved **workflow efficiency by 20%** through refined qualitative research and content development processes.

### Information Technology Intern

Minneapolis, MN

*RSM US LLP*

June 2023 – Aug 2023

- Conducted IT spend analysis and forecasted **12-month budget projections**, supporting strategic resource planning.
- Designed and presented interactive dashboards in Excel to visualize a **projected 7% rise** in IT spending.
- Identified cost optimization opportunities and compliance risks within Microsoft products to cross-functional teams.

### Senior Administrative Technology Specialist

Boston, MA

*Boston University Wheelock College of Education*

Oct 2021 – May 2022

- Managed reservations for **114 faculty and staff** and **100+ instructional materials**, improving resource utilization.
- Delivered on-site technical support to **50+ faculty and students**, resulting in a **20% increase in satisfaction**.
- Handled **20+ inquiries daily**, ensuring service requests and events transitions through technological solutions.

## Technical Projects

[AfriReligions AI](#) | *Typescript, React, AWS EC2, PostgreSQL, Gemini, Material-UI*

August 2024

- Engineered a Gemini-powered chatbot interface for Santeria education, **achieving 90% user satisfaction**.
- Deployed a responsive landing page using React, achieving **10 initial user sign-ups within the first week of launch**.

[Phisherman's Quest](#) | *Unity, C#*

August 2023 - December 2023

- Programmed and deployed a Unity game that educated **100+ users** about phishing threats **in the first month**.
- Integrated advanced Unity features, such as **C# scripting** and **2D development**, to create an engaging user experience.

[Time Memory Journal](#) | *React, MongoDB, Express.js, Node.js, Mongoose, JWT*

December 2023

- Developed a **full-stack** travel journal web app in a team of 4 with **React** and **MongoDB** using **Express.js** and **Node.js**.
- Built a **RESTful API** with **Mongoose** for CRUD operations, user authentication (JWT), and trip data retrieval.

## Leadership and Professional Development

### Microsoft

Remote

*Microsoft Excel Student Ambassador*

August 2024 – May 2025

- Led **2+ Excel workshops** for students, focusing on beginner and advanced MECC sessions & Python in Excel.
- Created **3+ innovative learning materials monthly** to enhance Excel proficiency and student engagement.
- Host **two weekly office hours**, providing **4 hours** of support on formulas, data visualization, Python, and Copilot.

### America On Tech (AOT)

Boston, MA

*Data Science Fellow*

May 2022 - June 2022

- Collaborated with **20 peers** over **6 weeks** to explore Data Science topics like Data Visualization and Machine Learning.
- Utilized **Python** and libraries like **Pandas**, **NumPy**, and **Seaborn** to analyze and visualize complex datasets.