

# Sayada Arouna

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## EDUCATION

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### Purdue University

West Lafayette, Indiana

*Bachelor of Science in Computer Science*

*Expected May 2027*

- Relevant Coursework: Introduction to C, Object-Oriented Programming in Java
- Member of Purdue Hackers, National Society of Black Engineers, and Computer Science Women's Network

## PROJECTS

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## EXPERIENCE

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### Data Mining Research

New Britain, CT

*Researcher*

*Aug. 2022 – May 2023*

- Explored the effects of 50 attributes on trained and unknown web attacks
- Analyzed and interpreted the effect of 10+ algorithms on unseen web attacks
- Reduced file processing time by 30% using algorithm configurations

### Bank of America

Hartford, CT

*Student Leader*

*June 2022 – Aug. 2022*

- Selected as 1/4 students in Connecticut
- Structured daily schedules and led team-building activities for 30+ youth
- Coordinated engaging and educational art and STEM projects for campers 3 times a week
- Focused on civic engagement and citizenship through a summit with 300 student leaders

## SCHOLARSHIPS & AWARDS

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- LinkedIn Possibilities in Tech Scholarship 2023; One of 25 recipients, access to a mentor
- National Center for Women & Information Technology Aspirations in Computing Award; National Honorable Mention and Connecticut Affiliate Winner

## SKILLS & INTERESTS

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- **Languages:** Java, Python, HTML, CSS, JavaScript
- **Skills:** Intermediate Spanish speaker, Microsoft Office, Adobe Photoshop
- **Interests:** documentary enthusiast; open-source contribution, social justice, origami