

# RAMATOULAYE BAH

ramatoulaye.bah2805@gmail.com • +1 (763) 485-6111 • [LinkedIn](#) • [Portfolio](#) • [GitHub](#)

## Education

### Macalester College

Bachelor of Arts, Computer Science & Linguistics. 3.87 GPA

Relevant Coursework: Object-Oriented Programming, Core Concepts in Computer Science, Multivariable Calculus I, Harvard CS50x's Introduction to Computer Science, Code Institute 5-Day HTML, CSS, JavaScript Challenge

Saint Paul, MN  
Expected May 2027

### United World College Maastricht

IB Bilingual Diploma Program

Maastricht, Netherlands  
Awarded May 2023

## Experience

### DeWitt Wallace Library

#### Library Access & Research Aide

- Aided patrons with resource acquisition by processing materials, which included checking items out and checking them in when returned.
- Improved user satisfaction through courteous and prompt customer service and by assisting patrons in finding materials, using computers, printing and answering inquiries.
- Conducted research assistance for students, helping them navigate databases and online resources effectively.

Saint Paul, MN  
Sept 2023 – Current

### 826 MSP

#### After-School Creative Lab Tutor - Volunteer

826 MSP empowers BIPOC K–12 students to think creatively, write effectively, and succeed academically.

- Developed strong relationships with children through clear communication and active listening skills, fostering a positive learning environment.
- Assisted children with reading, literacy activities, homework, and creative writing.

Minneapolis, MN  
Oct 2023 - May 2024

## Leadership & Activities

### Mathematics, Statistics, Computer Science Student Advisory Board - Member

- Organized and participated in workshops (e.g. creating a DS Portfolio Website using RStudio, Introduction to LeetCode).
- Led monthly BIPOC in MSCS nights which included taking care of the logistics, getting snacks and pizza, setting up the space and promoting the event.
- Planned career-related events such as Summer Opportunities Mentorship Panels and Seminars.
- Coordinated Student Feedback Sessions to close the gap between faculty and students and improve overall satisfaction.

## Coding Projects

### Personal Portfolio Website (RStudio)

- Built a responsive portfolio using Quarto on RStudio, deployed using GitHub Pages

### Core Concepts in Computer Science (Python) | Hangman Game

- Created a Hangman game as part of my final project for COMP 123 using Tkinter in Python

### Game Devs at Mac Game Jam (Python) | Cupid's Jam, A Squirrel's-Tail

- Valentine's Day-themed platform game made under 48 hours as part of a Game Jam implemented using PyGame

### Object-Oriented Programming and Abstraction (Java) | Fashion Famous

- Interactive dress-up game, inspired by the Roblox Dress to Impress game, using Java and the Kilt graphic library

## Skills & Interests

**Soft Skills:** Customer Service, Critical Thinking, Teamwork

**Technical:** Python, Java, C, RStudio, Algorithm, Data

Structures, HTML, CSS, JavaScript

**Interests:** Soccer, Social Justice, Travel, Reading

**Languages:** French (Native), English (Fluent),

Spanish (Advanced)