

# AMRAL BAKSH

(347) 939-6805 | [amralbak@buffalo.edu](mailto:amralbak@buffalo.edu) | GitHub: amralbak | Website: <https://amralbaksh.netlify.app>

## EDUCATION

---

### University at Buffalo

Bachelor of Science: Computer Science

Awards: Dean's List (Fall 2023 and Spring 2024)

Buffalo, NY

May 2027

## PROFESSIONAL EXPERIENCE

---

### Campus Living Paraprofessional | Residential Assistant | Buffalo, NY

August 2024-Present

- Supervise a residential community of approximately 28 students, fostering a safe and inclusive living environment.
- Serve as a resource for students, providing guidance on academic, personal, and social matters.
- Plan, organize, and lead educational, cultural, and social programs to promote community engagement.
- Mediate conflicts between residents, encouraging open communication and respect.
- Collaborate with campus staff to promote student well-being and enhance the residential experience.

### SUNY Buffalo Recreation | Intramurals Assistant | Buffalo, New York

September 2023-Present

- Solved various problems with coworkers when presented with issues such as injuries and rulebreakers.
- Conduct collaborative research into other intramural programs to provide the best experience for UB students.

### Dietary Aide | Hopkins Center for Rehabilitation and Healthcare | Brooklyn, New York

May 2022-August 2024

- Assist with the process of getting food to the residents. Demonstrate flexibility by effectively performing various roles in the kitchen.
- Chosen by the dietary director to set up and carry out events for the residents such as fine dining and barbecues.

## ACCOMPLISHMENTS

---

### Caribbean Examination Council (CXC)

- Merit list 2020 CAPE Applied Mathematics Unit 1 | First place
- 2019 CSEC Principles of Business | Top 100
- 2019 CSEC Information Technology | Top 100

## SKILLS AND CERTIFICATIONS

---

**Programming Languages:** Python, Java, C programming, HTML, CSS, Javascript

**Certifications:** CPR and First Aid | American Heart Association

## PROJECTS

---

**Personal Portfolio Website** - Developed a responsive website using HTML, JavaScript, and JSS

**Conway's Game of Life Implementation** - Developed a C implementation of Conway's Game of Life

**Instant Messenger Application** - Implemented packet encoding and decoding for a C-based instant messaging application

**Multi-pool Memory Allocator** - C implementation replacing malloc () with custom memory management for improved performance and efficiency.

**Media Library** - Java Implementation utilizing data structures (Binary Trees, Linked Lists), sorting algorithms (Comparators) , file handling (FileReader) and testing frameworks (JUnit)