

# Radin Ahmed

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## Summary

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Detail-oriented and hardworking Computer Science graduate with an ability to grasp new concepts who works at a fast pace to meet deadlines. Intrigued by innovation in Software development methods and motivated to work with a team on different projects.

- Relevant coursework: Web Applications, Algorithms for Modern Computing Systems

## Education

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State University of New York(SUNY) at Buffalo | Buffalo, NY

02/2023

Bachelor of Science in Computer Science

## Experience

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University at Buffalo, Recreation | Buffalo, NY

09/2019-01/2023

Supervisor

- Assisted team efficiency by filling in for team members and helped organize workflows by matching schedules
- Handled customer requests by accomodating more space in the facility and resolved issues by telling them the hours for the facility.
- Assisted in conducting new programs and events at the recreation center by associating with the lifeguards and coaches.
- Acquired the ability to render first aid and CPR/AED.

Sub-Board I, Inc | Buffalo, NY

09/2018-08/2019

Work Study IT Assistant

- Replaced and installed internal computer hardware such as CPUs and PSUs, ran tests to see which computers are operational.
- Ran tests, debugged and operated server systems by running a virtual machine to run tests and acquire server management skills
- Interacted with others to offer ideas, identify issues, and provide assistance when their applications were not working.
- Maintained and updated windows server machines by frequently running tests and made sure the newest version was installed.

## Projects

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### • Rock, Paper, Scissors game

11/20/2022

- Developed a multiplayer game of Rock, Paper, Scissors game using python, javascript and html/css
- Utilized websockets for instant communication between the backend and frontend.
- Used session cookies to manage loginsessions.
- Wrote technical documentation for the libraries and firmware we used.

### • Web based Chat application

2/24/2023

- Created a Web application which allows people to communicate via instant messaging
- Used Flask, SQLAlchemy, and websockets.
- Made the website compatible with some phones through media queries.
- Used scaling formulas to scale images. Image files such as jpeg were transferred via websockets.
- Used an SQL database and cookies to manage user sessions.
- Deployed the website using docker compose, nginx, secure encryption and digitalocean droplets.

### • 2048 game

3/12/2023

- Written a 2048 game using C programming language and a Tiva c series tm4c123gh6pm processor.
- It utilized the UART and Timer of the microcontroller to make use of interrupts.
- Key feature of this game was to make multiple random numbers without any built in methods and match the numbers to reach 2048.

### • Assembly Atari Game Surround

6/2023

- Written a single player Ataria game Surround using ARM assembly and C programming language
- Utilized a Tiva c series tm4c123gh6pm.
- Timers, Timer interrupts and UART interrupts were used to detect user input and change directions

## Volunteer Activities

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Goodwill Industries | Cheektowaga, NY

01/2018-02/2018

Volunteer Store Associate

- Worked on the sales floor by assisting customers find clothing items and sorted inventory by replacing old goods and labeling clothes.

## Skills

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Javascript, HTML5, Cascading Style Sheets, Python, C/C++, Visual Basic, MySql, Java, Database Development and Administration, Unix Administration, Problem Solving, Software Development, Precise writting and communication, Technical documentation