

Radin Ahmed

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Summary

Detail-oriented, organized and hardworking job seeker with an ability to quickly grasp new concepts who works at a fast pace to meet deadlines. Capable of applying previously learned algorithms to new problems. Intrigued by others computing abilities and motivated to work with a team on different projects simultaneously whilst maintaining optimal quality.

Websites

<https://radin.one/> | <https://www.linkedin.com/in/radin-ahmed-146953247/> | <https://github.com/radinahmed>

Experience

University at Buffalo, Recreation | Buffalo, NY

Supervisor | 09/2019-01/2023

Assisted team efficiency and organized workflows. Handled customer requests and resolved issues. Assisted in conducting new programs and events at the recreation center by accommodating staff and students. Acquired the ability to render first aid and CPR/AED.

Sub-Board I, Inc | Buffalo, NY

Work Study IT Assistant | 09/2018-06/2019

Replaced and installed internal computer hardware. Worked in an office lab environment to test, debug and operate server systems which involved windows virtual machine. Interacted respectfully with others to offer ideas, identify issues, and provide assistance. Helped in maintaining and updating windows server machines.

Goodwill Industries | Cheektowaga, NY

Volunteer Store Associate | 01/2018-02/2018

Worked on the sales floor to assist customers and sort inventory.

Skills

Javascript, HTML5, Cascading Style Sheets, Python, Java, Database Development, Database Development, Unix Administration, Problem Solving, MySQL, Technical Communication, Visual Basic, SQL, Test Driven Development, C/C++, Python

Education

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

Computer Science | 02/2023

Graduated by completing courses in Software, Hardware and Software Integration Systems and Software Engineering. Developed Software Engineering and database solutions to business problems such as creating and maintaining a Chat application, creating systems programming solutions such as a standard allocator for C, contribute in the design of an automated locker utilizing hard and software integrated systems. Worked with embedded systems to create a game in Assembly and C.

Amherst Central High School | Amherst, NY

High School | 06/2018

Completed AP courses in Calculus AB

Chittagong Grammar School | Chittagong, Bangladesh

GCSE | 07/2017

Completed GCSEs with all A's in English, General Mathematics, Pure Mathematics, Physics, ICT and Chemistry.

Projects

- Collaborated with peers in the development of a multiplayer Rock, Paper, Scissors game which used python, javascript and html/css and websockets for instant communication between the backend and frontend. Ssed session cookies to manage login sessions. Wrote technical documentation for the libraries and firmware we used.
- Created an online Web based chat application, using 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. This project also used an SQL database and cookies to manage user sessions. Deployed the website using docker compose, nginx, secure encryption and digitalocean droplets.
- Written a 2048 game using C programming language, Code Composer Studio 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.
- Written an Ataria game Surround using ARM assembly and C programming language in Code Composer Studio, with the help of a Tiva c series tm4c123gh6pm. The game was written in ARM assembly and C. It used Timers, Timer interrupts and UART interrupts to detect user input and change directions.