

# DIL RAWAT

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## **OBJECTIVE:**

Seeking a full-time position as an entry level software developer.

## **EDUCATION:**

**Youngstown State University (YSU), Youngstown, OH**

College of Science, Technology, Engineering, and Mathematics (STEM)

Bachelor of Science in Computer Information Systems

**Minor:** Mathematics

**Anticipated:** May 2021

**GPA:** 3.81/4.0

## **RELATED COURSEWORK:**

Data Structures and Objects, Networking and Concepts, Advance-Object-Oriented Programming in Java, E-commerce Programming, Statistics, and Data Analysis, Server-Side Web Development and Programming, Database Application, Business System Analysis, and Design

## **TECHNICAL SKILLS:**

Computer:

Programming: C++, Java, Visual Basic, C#, HTML, R, Python

Applications: Microsoft Office Suite, WebEx, Drupal

Networking: Setting up local networks, Networking, and Concepts

Technical: CSS, Git.

Operating Systems: Windows, Linux

Business/Communication: Public Speaking, Video Conferencing, PowerPoint Presentations

Mathematics: Statistics and Data Analysis, Linear Algebra, Calculus I, II, and III

Additional: Troubleshooting, debugging, Lab report creation, independent research

## **WORK EXPERIENCES:**

**(YSU) - Youngstown, OH - Web Development Team**

**Jan 2020- Present**

Working in a team with five student assistants, a programmer, a web developer, and a portal administrator to maintain the website of the university (YSU). Handling the regular update requests on the YSU website from different departments. Creating web forms for the respective departments as per the requests. Update number of Drupal websites residing on www.ysu.edu and cms.ysu.edu servers. Assist with the organization and design of the YSU Website.

**(YSU)Youngstown, OH - Marketing & Communications Department (Student assistant)**

**Dec 2018 – Jan 2019**

Assisted to upload faculty member information into a database. Organizing the files, mailing the letters, and helping in other office activities.

## **PROJECT EXPERIENCES: (YSU) - Youngstown, OH**

- **A Simple Website:** **Fall 2020**  
Built a responsive website for my sister to sell her paintings. Users can view painting details, add the items to the cart, remove items from the cart. Got familiar with the configuration of webserver software and the use of server-side programming. Server-side scripting. Database access and drivers. Security issues, including access control and secured transmissions.
- **Development of Databases:** **Spring 2019**  
Learned about the basic structure, design, development, implementation, and modification of databases for use in the management of information systems. Worked on a class project that gave insight about data modeling, relational data model, Structured Query Language (SQL), relational database design, and transaction processing. Storing, retrieving, updating, and displaying data using Structured Query Language (SQL), functions and triggers.
- **Calories Calculator:** **Spring 2019**  
Built an application in .Net framework where the user enters the type of exercises and time spent on it. The user-friendly application returns the calories they burnt during the exercise. Learned about the concepts of object-oriented programming, development of interactive programs using a graphical user interface, and concepts including classes, encapsulation, inheritance, polymorphism, and exception handling.
- **E-commerce Programming:** **Fall 2019**  
Development of e-commerce site using HTML, CSS, PHP, and MySQL database. A site (final project) was created where users can view the list of hats, add to the cart, and check out. Gained insight on topics that include form validation and parsing, database access and manipulation, and design, networking, and security issues.
- **Object-Oriented Programming (Java):** **Fall 2018**  
Developed a simple game with Robots and players. Got experience with java classes, inheritance, generalized container classes. Learned about the design and development of simple Java classes for use in a visual application.

## **EXTRACURRICULAR ACTIVITIES:**

Participation in IEEE Student Activities Conference.

**April 2019**

Pen pal with a fourth-grade student from Taft Elementary School for a year.

**2018-2019**

Volunteered in making blankets for Akron Children's Hospital. – Akron, OH

**Fall 2018**

The International Collegiate Programming Contest at Youngstown State University, Youngstown, OH.

**October 2018**