

# KISHOR DHAKAL

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## Summary

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Recent graduate in Software Engineering with experience in full stack and Android app development. Skilled in critical thinking and team leadership, with a strong work ethic and a passion for utilizing academic and personal skills to solve real-world problems. Eager to continue learning and growing as a software engineer.

## Education

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### Central Washington University

March 2023

*Bachelor of Science, Major in Computer Science, Minor in Mathematics*

*Ellensburg, Washington*

GPA:3.5

## Projects

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### Pet Adoption App | Java, Android Studio, Firebase

Spring 2022

- Built an **Android App** using **agile** methodology allowing users to offer or find pets for adoption
- Composed a secure user authentication using **Firebase authentication**
- Integrated a **post/view system** allowing users to post, view posts, and respond to interested posts
- Developed a **chat system** to facilitate user communication and enable seamless interaction

### Teaching Assistant Assigner | Java, Java Swing

Winter 2022

- Developed a Java solution for TA assignment tasks at CWU with an 80 percent optimal match rate
- Developed a comprehensive **algorithm** for efficient TA assignments, incorporating crucial factors such as student availability, class mode, graduation date, and relevant coursework.
- Designed a minimalist Graphical User Interface using Java Swing to provide convenience to the user

### Woods and Stones Game | Python, Py-game

Spring 2021

- Collaborated with 4 engineers to create a multiplayer board game
- Utilized Py-game library to develop the **Graphical User Interface** for better user experience
- Designed **2 modes**, Single-player and Multiplayer, with beginner, intermediate, and advanced levels
- Incorporated **AI** into the game by implementing **minimax** algorithm to determine the optimal move

## Experience

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### Dining Services-Central Washington University

September 2021 – March 2023

*Student Manager*

*Ellensburg, Washington*

- Trained over 60 students every quarter and supervised the team of 25 student workers over 6 different stations to improve the food serving experience by utilizing individual strengths and personalities
- Planned the workflow of stations resulting in a 10 percent reduced labor cost and a 20 percent increase in efficiency

### Central Washington University

January 2022 – June 2022

*Teaching Assistant*

*Ellensburg, Washington*

- Assisted over 30 students with Data Structure coursework and labs, maintaining strong communication with the professor resulting in improvement in communicating technical concepts and ideas while keeping them elementary
- Helped students debug, test, and maintain the labs' code and graded them as instructed by the professor

### Camp Korey

June 2019 – November 2019

*Data Intern*

*Lynnwood, Washington*

- Created and manipulated over 1000 donor's data using Raiser's Edge to have updated data
- Collaborated on 2 projects, Prospect Research and Fundraising by researching potential donors allowing the organization to operate multiple programs for children and their families with life-altering medical conditions

## Technical Skills

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**Languages:** Python, Java, C++, C, R, JavaScript, SML, Prolog, PHP

**FrameWork:** Reactjs, Scikit-Learn, Pandas, Express, Nodejs

**Tools:** Docker, Android Studio, Trello

**Databases :** MySQL, MongoDB, Firebase

**Prototyping Tool :** Figma

**Operating Systems :** Windows, Linux

**Interests:** Artificial Intelligence, Machine Learning, Generative Art, Natural Language Processing

**Soft Skills :** Effective Communication, Prioritization of tasks, Creativity, Analytical Thinking