

KISHOR DHAKAL

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Summary

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

Central Washington University

March 2020 – March 2023

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

Ellensburg, Washington

Projects

Pet Adoption APP | Java, Android Studio, Firebase

Spring 2022

- Built an **Android App** using **agile** software development methodology which allows its user to post their pet for adoption or find a pet to adopt.
- Composed a secure user authentication using **Firebase authentication**.
- Integrated a **post/view system** allowing users to post, see others' posts, and respond to interested posts.
- Constructed a **chat system** enabling communication between users.

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.
- Formed an **algorithm** for assigning TAs considering factors like student availability, class mode, graduation date, and courses taken; moreover, tested the algorithm with 200 student data.
- Designed a minimalist Graphical User Interface using Java Swing to provide convenience to the user.

Woods and Stones Game | Python, Py-game

Spring 2021

- Created a computer-based multiplayer board game, a popular **Nepali traditional game** with 4 other teammates.
- Used Py-game library to implement **Graphical User Interface** for better user experience.
- Designed **2 modes**, Single-player and Multiplayer, with 3 difficulty levels, beginner, intermediate and advanced, and added **AI** with **Min-max algorithm** to advanced level.

Technical Skills

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

FrameWork: Scrum, Reactjs, Scikit **Tools:** Docker, Android Studio, Trello, Pandas, Express, Nodejs

Databases : MySQL, MongoDB, Firebase

Prototyping Tool : Figma

Version Control: Git

Operating Systems : Windows, Linux

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

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

Experience

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 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.

Dining Services-Central Washington University

September 2021 – March 2023

Student Manager

Ellensburg, Washington

- Trained over 60 students every quarter. 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.