

TANISH HUPARE

Email me: huparetanish@gmail.com
Call me: +1 971-331-9472

LinkedIn: <https://www.linkedin.com/in/tanish-hupare>
Address: 6827 NW 163rd Ave Portland, OR 97229

EDUCATION:

Oregon State University | Bachelor of Computer Science, Minor in Finance | Corvallis, OR | Sep 2021 - June 2025

RELATED COURSEWORK:

- | | | |
|---|--|---|
| • Integral Design Engineering and Problem Solving | • Engineering Computation and Algorithmic Thinking | • Computer Architecture and Assembly Language |
| • Introduction to Computer Science | • Accounting for Decision Making | • Data Structures |
-

SKILLS:

Languages: C++, CSS, Python, HTML, Javascript, Node js, SQL, Linux, typescript, R, React js, MongoDB, Git, assembly language

Technical: Unit testing, E2E testing, Test-Driven development (TDD), Cypress, Software Development Life cycle (SDLC).

Tools: Visual Studio code, R studio, Cypress, Jest, Lightroom, Photoshop, adobe illustrator, Adobe premiere Pro, blender.

PROJECTS

CS 162 | Hunt the Wumpus Game:

- In this C++ project, I created "Hunt the Wumpus," applying OOP principles and vectors. My design document outlined files, functions, and modularity. I demonstrated the game's functionality, memory management, and considered extra credit options. This project enhanced our OOP skills and game development experience.

CS 261 | Hash Tables Program:

- The Hash table is a user-friendly data structure that effortlessly stores key-value pairs. It offers essential functions like insertion, lookup, and removal, handling collisions using chaining, and automatically resizing to maintain optimal performance.

CS 261 | Dynamic Array and Linked List Implementation:

- In this project, I implemented a dynamic array and a linked list, focusing on key functions and operations for each data structure. The project's objectives included correctly allocating and managing memory and providing efficient methods for manipulating these structures. For the dynamic array, I created functions for allocation, freeing memory, sizing, inserting and removing elements, as well as getting and setting values at specific indices. Similarly, for the linked list, I developed functions for creation, memory release, insertion, removal, position retrieval, and in-place reversal of elements.

CS 261 | Call Center Application | Stack and Queue Utilization:

- This project involves a call center simulation with three parts. Part 1 uses a queue for incoming calls, while Part 2 uses a stack for answered calls. Each call is stored as a structured object with ID, name, and reason. The project implements four options and emphasizes clear instructions. Its purpose is to understand and practice stack and queue data structures in a call center context.

Discover all CS projects at: <https://github.com/tankit03>

PROFESSIONAL EXPERIENCE

Freelance Photography | Portland

July 2022 – September 2022

- I have garnered extensive experience in the field of photography through my work in the Portland area, where I conducted a diverse range of photoshoots tailored to specific client requirements. My portfolio includes portrait sessions, dance video productions for various dance groups, automobile photography, graduation portraits, and wedding photography assignments. During this period, I collaborated with the videography and photography company known as "Cute Clicks PDX." In my role as a videographer, I captured numerous wedding receptions and ceremonies. Additionally, I assumed responsibility for aerial drone photography, seamlessly juggling multiple tasks that encompassed photography, videography, and drone piloting to deliver exceptional results.